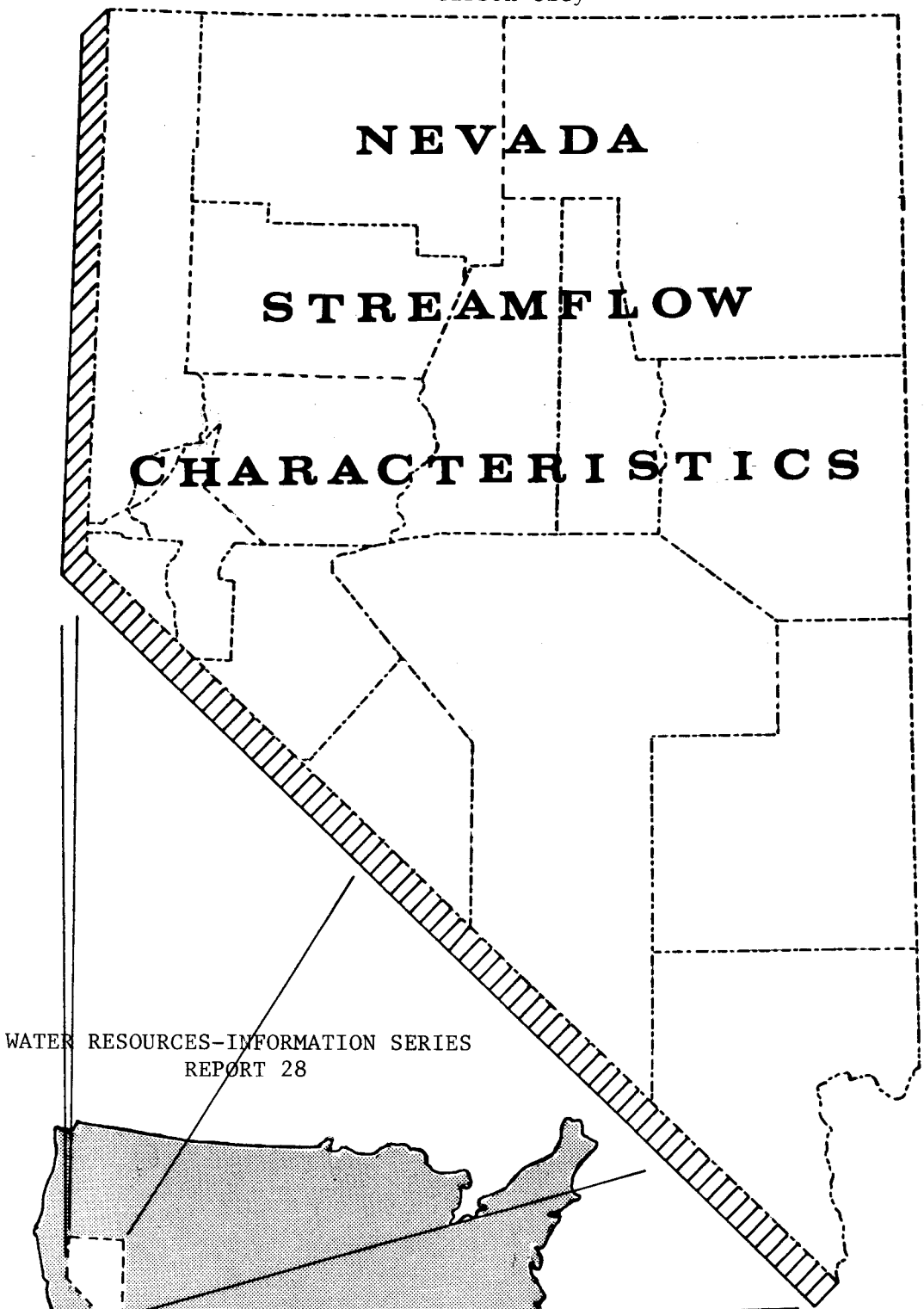
STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES
Carson City

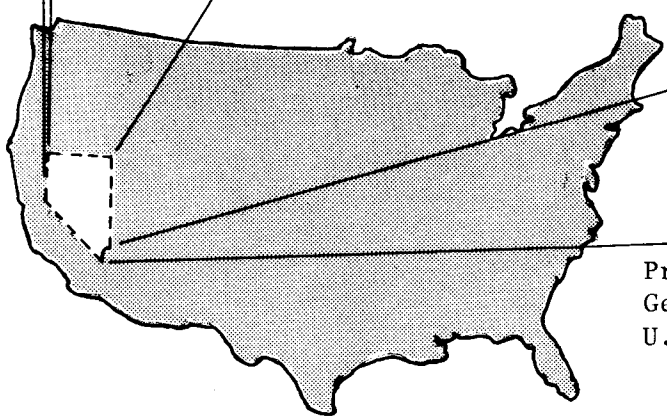
NEVADA

STREAMFLOW

CHARACTERISTICS



WATER RESOURCES-INFORMATION SERIES
REPORT 28



Prepared cooperatively by the
Geological Survey
U.S. Department of the Interior

OCTOBER 1978

WATER RESOURCES - INFORMATION SERIES

REPORT 28

NEVADA STREAMFLOW CHARACTERISTICS

by

C. V. Schroer and Otto Moosburner

Prepared cooperatively by the
Geological Survey, U.S. Department of the Interior
October 1978

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(plate is in pocket)

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NEVADA STREAMFLOW CHARACTERISTICS

by C. V. Schroer and O. Moosburner

ABSTRACT

Tables summarizing streamflow statistics for 226 sites in Nevada and the eastern slope of the Sierra are presented in this report. Data are presented for sites that had approximately five or more years of record, and which were not completely regulated. Statistics presented include flow duration, lowest and highest mean daily discharges, statistics computed using the arithmetic values and the logarithmic transforms of the monthly and annual mean discharges, annual peak discharges, annual flood statistics, and results of Log-Pearson Type III frequency analyses.

INTRODUCTION

This report presents tables summarizing streamflow statistics for 226 sites in Nevada and the eastern slope of the Sierras. Data for sites that were not completely regulated and had approximately five or more years of record were tabulated. Two types of data collection sites are included; sites where continuous record produced mean daily values and sites where only instantaneous annual peak flows were available. Only annual peaks, flood statistics, and frequency analyses are presented for the annual peak flow sites.

At some historical sites analyses based on mean daily values are shown, but no flood frequency information is given because annual maximums (1) were not observed, (2) were recorded as maximum observed, or (3) were recorded as a mean daily value instead of an instantaneous value. Consequently, annual maximums for these sites are not available for flood frequency analysis.

The tables in this report summarize streamflow data in Nevada and adjacent areas for the period of record through September 1976.

This report was prepared by the Nevada District of the U.S. Geological Survey, Water Resources Division in cooperation with the Nevada Department of Conservation and Natural Resources, Division of Water Resources.

The statistical data obtained as computer output are too voluminous to be published in their entirety. Therefore, this report contains only those summaries judged to be most valuable to consultants and water-data users. The complete summaries are available in the files of the U.S. Geological Survey, Water Resources Division, Room 227, Federal Building, 705 N. Plaza, Carson City, Nevada 89701.

Data are given for each complete water year, beginning October 1 and ending September 30 of the indicated year. A bar chart (table 1) lists the stations by downstream order number along with the period of record available for each station beginning on page 6.

The various types of tabulated data are discussed in the following seven subsections of this report.

Duration Tables of Daily Discharges

The duration tables list the number of days during each water year in which the daily discharge falls within a class, or a specified range of discharge, for up to 34 ranges in discharge. A summary table provides percentages of time that given daily discharges were equaled or exceeded during the period of record.

Lowest Mean Discharge Each Year for Specified Consecutive Periods

The tables show the lowest mean discharge for each climatic year (ending March 31 of the indicated year) for 1, 3, 7, 14, 30, 60, 90, 120, and 183 consecutive days. The climatic year is used instead of the water year because the former encompasses the annual low-flow period, which usually begins in late summer and may extend past the end of the water year.

The order numbers (ranking) of the annual low flows are shown to the right of each mean discharge value for use in plotting frequency curves.

Highest Mean Discharge Each Year for Specified Consecutive Periods

Tables of high flow show the highest mean discharge for each water year for 1, 3, 7, 15, 30, 60, 90, 120, and 183 consecutive days along with order of rank to the right of each mean discharge value.

Statistics on Monthly and Annual Mean Discharges

Statistics on monthly and annual mean discharges have been calculated using both the arithmetic values and the logarithmic transforms of the values. Statistical analysis of the transformed values rather than of the arithmetic values is frequently preferred. The following statistics have been computed for the monthly (except item 7) and annual discharges (except item 6).

(1) Mean.--Mean ($\bar{x}$) is the central value of the discharges around which the distribution is dispersed. It is computed by dividing the summation of the values by the number of values and is

$$\bar{x} = \frac{\Sigma x}{N}$$

where:

x is discharge and N is total number of discharges.

(2) Variance.--Variance (S_x^2) is a measure of variability of the discharges about their mean and is mathematically expressed as:

$$S_x^2 = \frac{\Sigma(x-\bar{x})^2}{N-1}$$

(3) Standard deviation.--Standard deviation is a measure of the dispersion of the discharges about the mean. If the discharges are normally distributed, that is, if their values plot in nearly a straight line on normal probability paper, two-thirds of the discharges are between the value of one standard deviation less than the mean and the value of one standard deviation greater than the mean. Mathematically, the standard deviation (S_x) is the square root of the variance or:

$$S_x = \left[\frac{\Sigma(x-\bar{x})^2}{N-1}\right] \quad 1/2$$

(4) Skewness.--Coefficient of skew is an index of the degree of distortion from symmetry exhibited by a frequency distribution. A negative skewness implies a left-skewed distribution (the mean is less than the median or middle value), and a positive value implies a right-skewed distribution (the mean is greater than the median). Coefficient of skew (g) is calculated by:

$$g = \frac{(x-\bar{x})^3}{(S_x)^3}$$

(5) Coefficient of variation.--The coefficient of variation is a dimensionless index that can be used for comparing variability of streams. The coefficient of variation (C_v) is calculated by:

$$C_v = \frac{S_x}{\bar{x}}$$

(6) Percentage of average flow.--This is the percentage of the average monthly flow volumes divided by the average annual flow volumes.

(7) Serial correlation coefficient.--The serial correlation coefficient is a measure of the non-randomness of a time series. The coefficient may be 1 for a perfect non-random series, and 0 for a perfect random series. Annual discharge data usually exhibits coefficient values between these two limits.

Annual Peak Discharges

The annual peak discharge is the maximum instantaneous discharge that occurred during the water year.

Annual Flood Statistics

The table presents annual flood statistics in log units with additional station information. These data were computed in accordance with the guidelines described in Water Resources Council (WRC) Bulletin No. 17 (March 1976). The data shown under "Systematic Record" columns were computed using the actual records. A weighted WRC skew coefficient is computed under the "WRC Estimate" column for all sites where the period of record is greater than 25 years or less than 100 years using the following equation:

$$\hat{G} = \frac{N-25}{75} G + \frac{100-N}{75} \bar{G}$$

where

$\hat{G}$ = WRC weighted skew coefficient
$\bar{G}$ = generalized skew coefficient
G = station skew coefficient
N = number of years of record

For sites where the period of record is less than 25 years, the weighted WRC skew coefficient $\hat{G}$ is the assigned generalized skew coefficient ($\bar{G}$). The basis for assigning the generalized skew coefficient is either WRC Bulletin 17 or detailed hydrologic analysis. For sites where the period of record is more than 100 years, the station skew coefficient (G) is the WRC weighted skew coefficient.

The symbol S denotes synthetic WRC estimated values derived because the station data either had zero flow years or an incomplete record.

Log Pearson Type III Frequency Curves

Discharges for exceedence probabilities of annual peaks are computed using the Log Pearson Type III distribution. The exceedence probability multiplied by 100 is equal to percent chance of occurrence. Discharges listed under "Systematic Records" are based on the statistics obtained from the actual station record. Those listed under "WRC Adjusted" have been computed using the WRC weighted skew coefficient and the synthetic values of mean and standard deviation if applicable. The values shown under "Expected Probability" are median values of discharge adjusted to mean values for the frequency of occurrence (Thomas, 1976). The upper and lower discharges listed under 95 percent confidence limits, indicate the range within which the population discharge will fall with 95 percent probability.

Data for stations with less than five years of record, or stations with 50 percent or more zero flow events, were generally not presented. Since many of the stations presented have short term records for flood frequency purposes, often including numerous zero flow events, judgment must be used in interpreting the data.

SELECTED REFERENCES

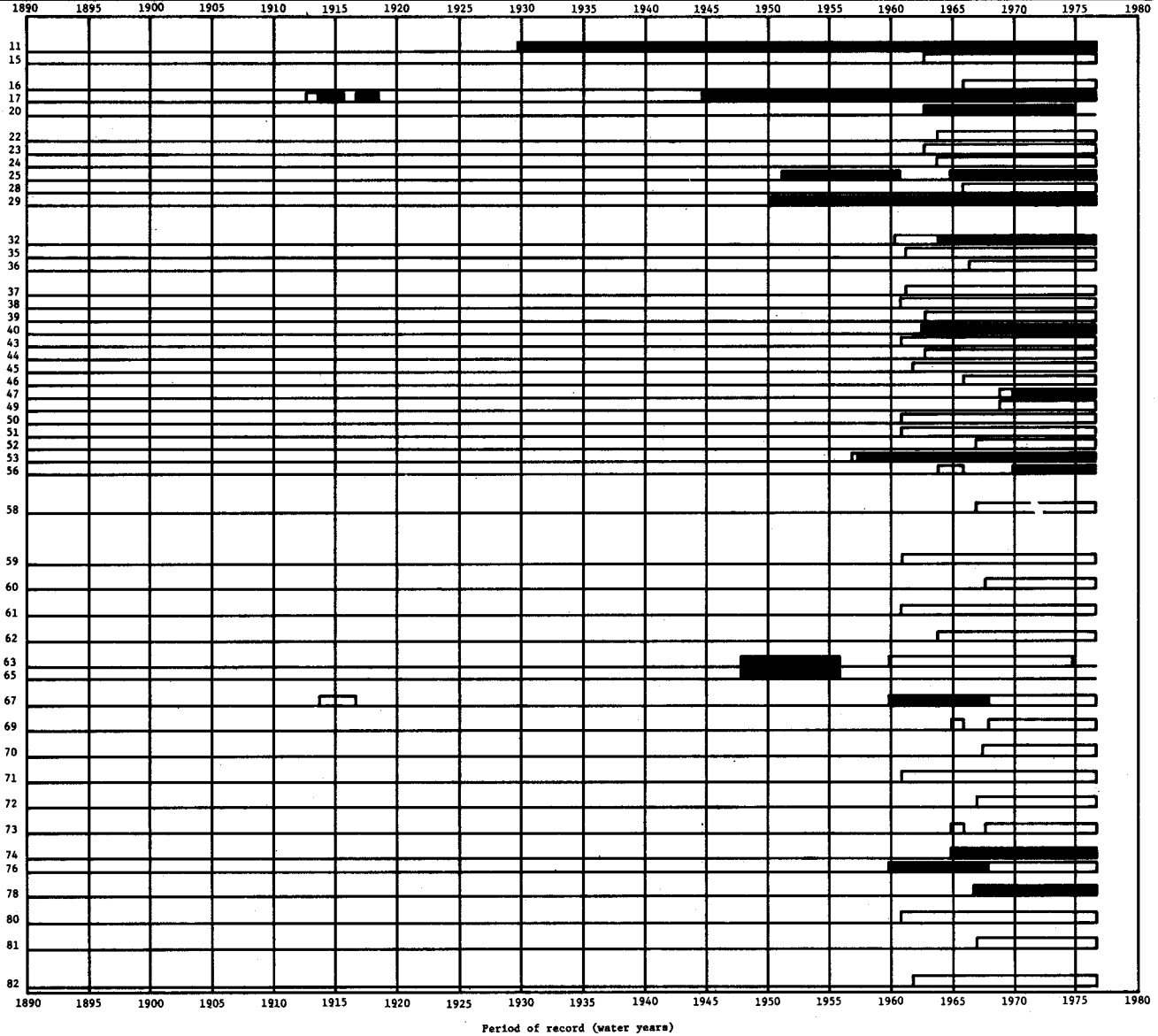
Thomas, D. M., 1976, Flood frequency-expected and unexpected probabilities: U.S. Geol. Survey open-file rept. 76-775.

United States Water Resources Council, 1976, Guidelines for determining flood flow frequency: Bull. no. 17.

Table 1.--Streamflow stations, in downstream order, and period of record

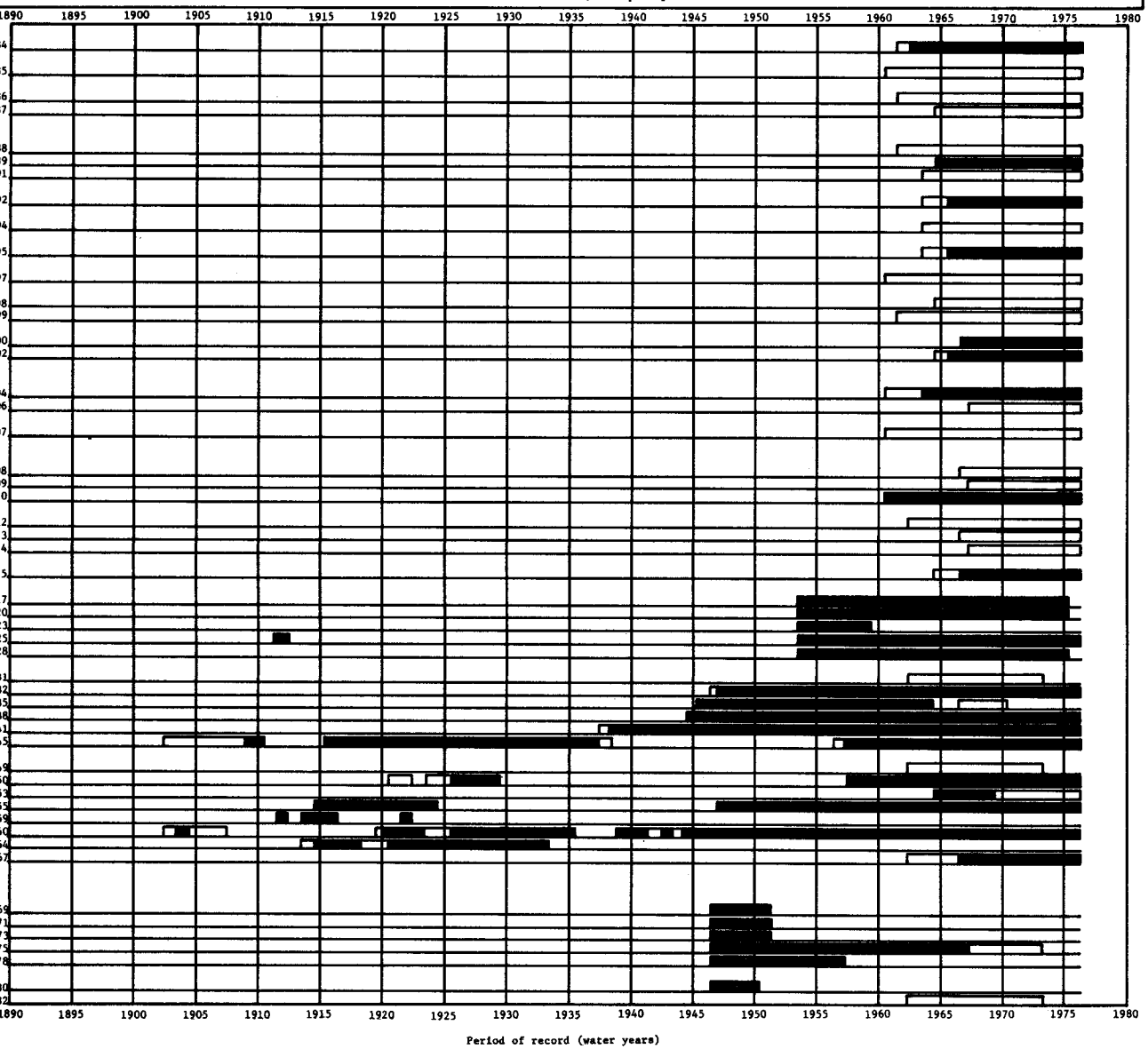
Recorded mean daily values — Peak flow data only

STATION NO.	STATION NAME	PAGE
	COLORADO RIVER BASIN	
	Colorado River:	
	VIRGIN RIVER BASIN	
09415000	Virgin River at Littlefield, AZ	11
09415100	Fulsipher Wash near Mesquite	15
	White River (head of Muddy River):	
09415560	White River tributary near Sunnyside	16
09416000	Muddy River near Moapa	17
09417500	Meadow Valley Wash at Eagle Canyon near Ursine	20
	Patterson Wash:	
09418100	Patterson Wash tributary near Pioche	22
09418150	Caselton Wash near Panaca	23
09418450	Meadow Valley Wash tributary near Caliente	24
09418500	Meadow Valley Wash near Caliente	25
09418990	Weiser Wash near Glendale	28
09419000	Muddy River near Glendale	29
	LAS VEGAS VALLEY	
	Las Vegas Wash:	
09419610	Lee Canyon near Charleston Park	32
09419620	Mormon Wells Wash near Las Vegas	35
09419623	Deer Creek near Charleston Park	36
	Kyle Canyon:	
09419630	Telephone Canyon near Charleston Park	37
09419640	Kyle Canyon near Charleston Park	38
09419647	Las Vegas Wash tributary near North Las Vegas	39
09419650	Las Vegas Wash at North Las Vegas	40
09419660	Las Vegas Wash tributary near Nellis Air Force Base	43
09419663	Las Vegas Wash tributary south of Nellis Air Force Base	44
09419670	Red Rock Wash near Blue Diamond	45
09419675	Flamingo Wash at Las Vegas	46
09419677	Flamingo Wash at Maryland Parkway at Las Vegas	47
09419678	Flamingo Wash near mouth at Las Vegas	49
09419680	Cottonwood Valley near Blue Diamond	50
09419690	Duck Creek at Whitney	51
09419697	Las Vegas Wash tributary near Henderson	52
09419700	Las Vegas Wash near Henderson	53
09419800	Las Vegas Wash near Boulder City	56
	PIUTE VALLEY	
	Piute Wash:	
09423300	Piute Wash tributary at Searchlight	58
	THE GREAT BASIN	
	GREAT SALT LAKE BASIN	
	GREAT SALT LAKE DESERT	
10172902	Dead Cedar Wash near Wendover, UT	59
	Thousand Springs Creek:	
10172909	Burnt Creek near Shores	60
	Loray Wash:	
10172913	Loray Wash tributary near Cobre	61
	ESCALANTE VALLEY	
10242460	Escalante Valley tributary near Panaca	62
	SNAKE VALLEY	
10243240	Baker Creek at narrows, near Baker	63
10243260	Lehman Creek near Baker	65
	SPRING VALLEY	
10243700	Cleve Creek near Ely	67
	ANTELOPE VALLEY (NORTHERN PART)	
10243950	Millick Canyon tributary near Currie	69
	CLOVER AND INDEPENDENCE VALLEYS	
10244240	Clover Valley tributary near Arthur	70
	DIXIE VALLEY BASIN	
10244360	Dixie Valley tributary near Eastgate	71
	RAWHIDE FLATS	
10244460	Rawhide Flat tributary near Schurz	72
	GABBS VALLEY	
10244480	Gabbs Valley tributary near Gabbs	73
	RUBY VALLEY	
10244720	Franklin River near Arthur	74
10244745	Overland Creek near Ruby Valley	76
	STEPTOE VALLEY BASIN	
10244950	Steptoe Creek near Ely	78
	Nelson Creek:	
10245080	Nelson Creek tributary near Currie	80
	DRY LAKE VALLEY	
10245270	Dry Lake Valley tributary near Caliente	81
	JAKES VALLEY	
	Illipah Creek:	
10245450	Illipah Creek tributary near Hamilton	82



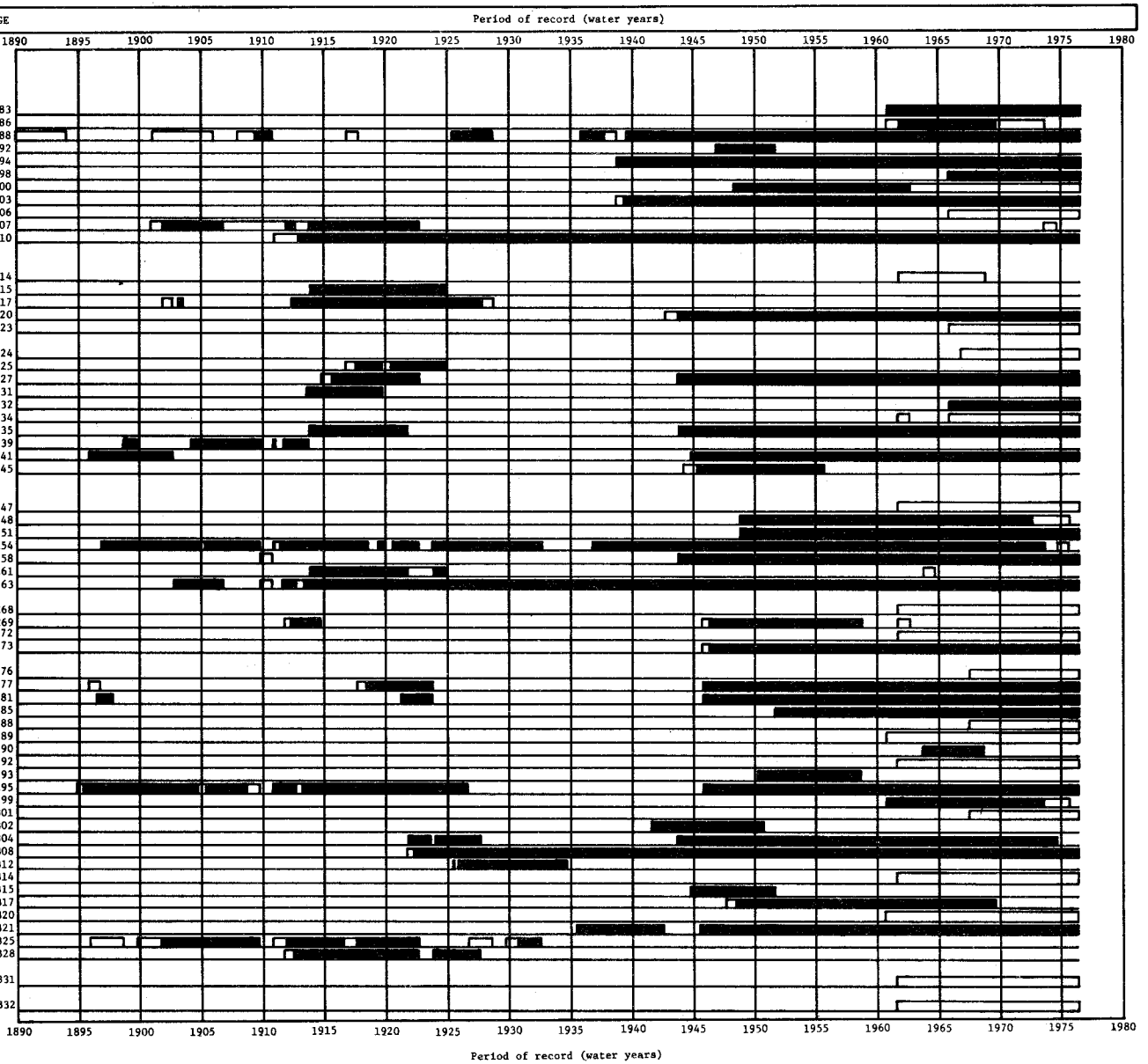
Recorded mean daily values Peak flow data only

STATION NO.	STATION NAME	PAGE
	THE GREAT BASIN--Continued	
	NEWARK VALLEY	
10245800	Newark Valley tributary near Hamilton	83, 84
	MONITOR AND DIAMOND VALLEYS BASIN	
10245950	Bean Flat tributary near Austin	85
	Garden Pass Creek:	
10246000	Garden Pass Creek tributary near Eureka	86
10246010	Garden Pass Creek near Eureka	87
	HOT CREEK AND RAILROAD (NORTHERN PART) VALLEYS	
	Currant Creek:	
10246845	Currant Creek tributary near Currant	88
10246846	Little Currant Creek near Currant	89
10246847	Currant Creek below Little Currant Creek near Currant	91
	PENOYER (SAND SPRING) VALLEY	
10247860	Penoyer Valley tributary near Tempiute	92
	INDIAN SPRINGS VALLEY	
10248490	Indian Springs Valley tributary near Indian Springs	94
	ELDORADO VALLEY	
10248510	Eldorado Valley tributary near Nelson	95
	STONEWALL AND SARCOBATUS FLATS BASIN	
10249050	Sarcobatus Flat tributary near Springdale	97
	STONE CABIN AND RALSTON VALLEYS	
10249135	San Antonio Wash tributary near Tonopah	98
10249180	Saulsbury Wash near Tonopah	99
	BIG SMOKY VALLEY (NORTHERN PART)	
10249280	Kingston Creek below Cougar Canyon near Austin	100
10249300	South Twin River near Round Mountain	102
	SMITH CREEK VALLEY	
	Campbell Creek:	
10249411	Campbell Creek tributary near Eastgate	104
10249417	Smith Creek Valley tributary near Austin	106
	IONE AND BIG SMOKY (TONOPAH FLAT) VALLEYS	
10249680	Big Smoky Valley tributary near Blair Junction	107
	FISH LAKE VALLEY AND COLUMBUS SALT MARSH	
	Palmetto Wash	
10249850	Palmetto Wash tributary near Lida	108
10249855	Palmetto Wash tributary near Oasis	109
10249900	Chiatovich Creek near Dyer	110
	DEATH VALLEY	
10251270	Amargosa River tributary near Mercury	112
10251271	Amargosa River tributary No. 1 near Johnnie	113
10251272	Amargosa River tributary No. 2 near Johnnie	114
	PAHRUMP VALLEY	
10251980	Lovell Wash near Blue Diamond	115
	WALKER LAKE BASIN	
10289000	Virginia Creek (head of Walker River) near Bridgeport, CA	117
10289500	Green Creek near Bridgeport, CA	120
10290000	Summers Creek near Bridgeport, CA	123
10291500	Buckeye Creek near Bridgeport, CA	125
10292000	Swauger Creek near Bridgeport, CA	128
	East Walker River (continuation of Virginia Creek):	
10292300	Bridgeport Reservoir tributary near Bridgeport, CA	131
10293500	East Walker River above Strosnider Ditch near Mason	132
10295200	West Walker River at Leavitt Meadows, near Coleville, CA	135
10295500	Little Walker River near Bridgeport, CA	138
10296000	West Walker River below Little Walker River near Coleville, CA	141
10296500	West Walker River near Coleville, CA	145
	Slinkard Creek:	
10296800	Slinkard Creek tributary near Topaz, CA	149
10297500	West Walker River at Hoye Bridge near Wellington	150
10299100	Desert Creek near Wellington	153
10300000	West Walker River near Hudson	155
10301000	Walker River at Mason	159
10301500	Walker River near Wabuska	160
10302000	Walker River at Schurz	164
10302010	Reese River Canyon near Schurz	167
	HUMBOLDT-CARSON SINK BASIN	
	CARSON RIVER BASIN	
10302500	East Fork Carson River above Soda Springs ranger station, near Markleeville, CA	169
10303000	Silver King Creek near Coleville, CA	171
10304000	Wolf Creek near Markleeville, CA	173
10304500	Silver Creek below Pennsylvania Creek near Markleeville, CA	175
10306000	Hot Springs Creek near Markleeville, CA	178
10307000	Pleasant Valley Creek above Raymond Canyon Creek near Markleeville, CA	180
10308100	Millberry Creek at Markleeville, CA	182



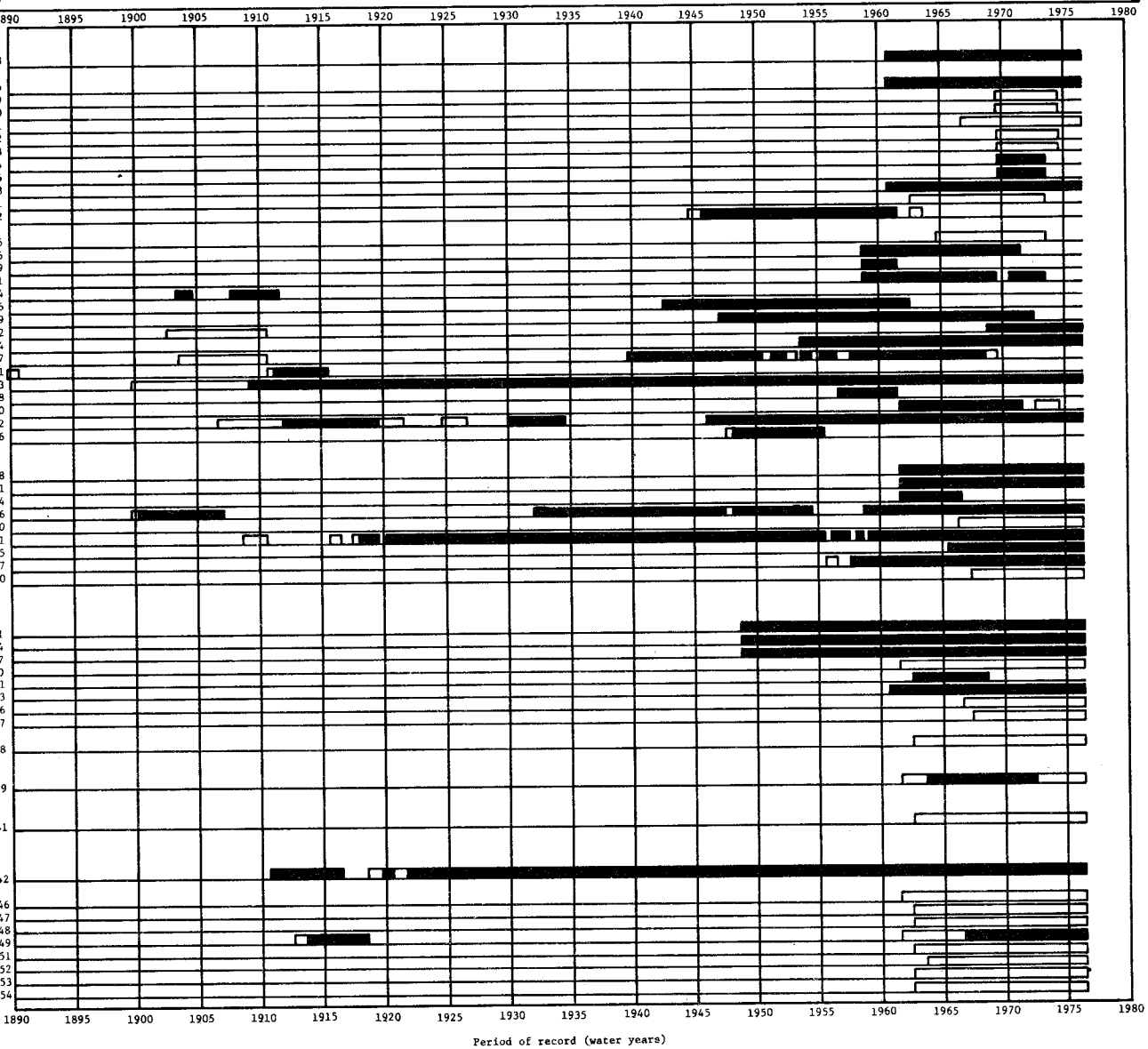
Recorded mean daily values Peak flow data only

STATION NO.	STATION NAME	PAGE
	THE GREAT BASIN--Continued	
	HUMBOLDT-CARSON SINK BASIN--Continued	
	CARSON RIVER BASIN--Continued	
10308200	East Fork Carson River below Markleeville Creek near Markleeville, CA	183
10308800	Bryant Creek near Gardnerville	186
10309000	East Fork Carson River near Gardnerville	188
10309500	West Fork Carson River above Woodfords, CA	192
10310000	West Fork Carson River at Woodfords, CA	194
10315000	Daggett Creek near Genoa	198
10310500	Clear Creek near Carson City	200
10311000	Carson River near Carson City	203
10311450	Brunswick Canyon near New Empire	206
10311500	Carson River near Empire	207
10312000	Carson River near Fort Churchill	210
	HUMBOLDT RIVER BASIN	
	Humboldt River:	
10312750	Willow Creek near Wells	214
10313000	Starr Creek near Deeth	215
10315000	Marys River near Deeth	217
10315500	Marys River above Hot Springs Creek near Deeth	220
10315800	Humboldt River tributary near Halleck	223
	Secret Creek:	
10315950	Secret Creek tributary near Arthur	224
10316000	Secret Creek near Halleck	225
10316500	Lamoille Creek near Lamoille	227
10317000	Lamoille Creek near Halleck	231
10317400	North Fork Humboldt River near North Fork	232
10317430	Jim Creek near Tuscarora	234
10317500	North Fork Humboldt River at Devils Gate near Halleck	235
10318000	North Fork Humboldt River near Halleck	239
10318500	Humboldt River near Elko	241
10319000	South Fork Humboldt River near Lee	245
	Huntington Creek:	
	Willow Creek:	
10319470	Willow Creek tributary near Jiggs	247
10319500	Huntington Creek near Lee	248
10320000	South Fork Humboldt River above Dixie Creek, near Elko	251
10320500	South Fork Humboldt River near Elko	254
10321000	Humboldt River near Carlin	258
10322000	Maggie Creek near Carlin	261
10322500	Humboldt River at Palisade	263
	Pine Creek:	
10322980	Cole Creek near Palisade	268
10323000	Pine Creek near Palisade	269
10323200	Bob Creek near Beowawe	272
10323500	Humboldt River near Argenta	273
	Rock Creek:	
10323870	Willow Creek above Willow Creek Reservoir, near Tuscarora	276
10324500	Rock Creek near Battle Mountain	277
10325000	Humboldt River at Battle Mountain	281
10325500	Reese River near Ione	285
10326400	Reese River tributary near Austin	288
10326650	Silver Creek near Austin	289
10326700	Reese River near Austin	290
10326850	Reese River tributary near Battle Mountain	292
10327000	Humboldt River near Valmy	293
10327500	Humboldt River at Comus	295
10328000	Pole Creek near Golconda	299
10328240	Humboldt River tributary near Bliss	301
10328500	Little Humboldt River below Chimney Dam near Paradise Valley	302
10329000	Little Humboldt River near Paradise Valley	304
10329500	Martin Creek near Paradise Valley	308
10330000	Cottonwood Creek near Paradise Valley	312
10330300	Mullinex Creek near Paradise Valley	314
10330500	Cottonwood Creek at Paradise Valley	315
10331500	Humboldt River near Rose Creek	317
10332200	Raspberry Creek near Mill City	320
10333000	Humboldt River near Imlay	321
10335000	Humboldt River near Rye Patch	325
10336000	Humboldt River near Lovelock	328
	Toulon drain:	
10336030	Toulon drain tributary near Lovelock	331
	Humboldt Slough:	
10336080	Humboldt Slough tributary near Bradys Hot Springs	332



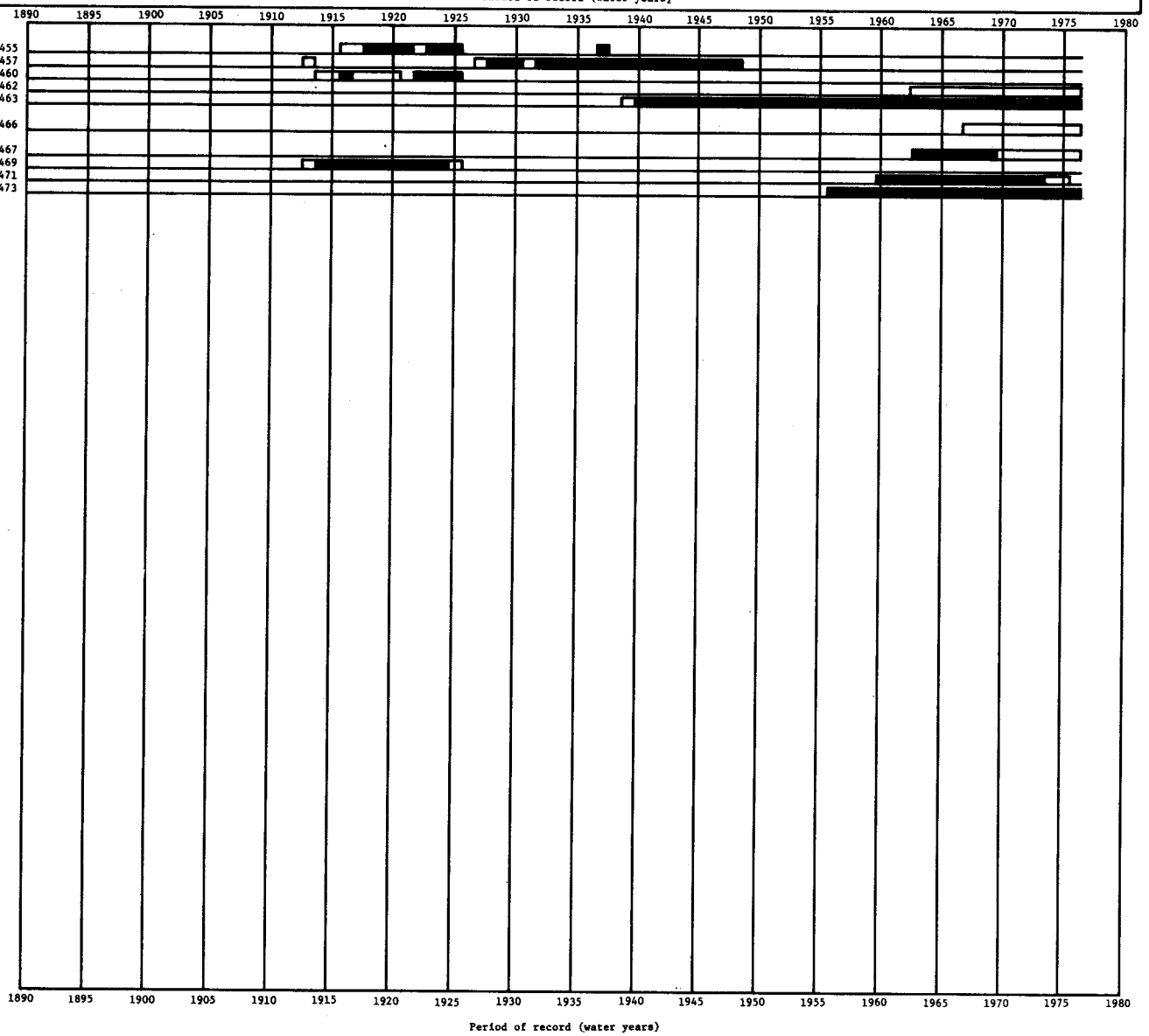
Recorded mean daily values Peak flow data only

STATION NO.	STATION NAME	PAGE
	THE GREAT BASIN--Continued	
	PYRAMID AND WINNEMUCCA LAKES BASIN	
	Truckee River:	
10336600	Upper Truckee River near Meyers	333
	Lake Tahoe:	
10336660	Blackwood Creek near Tahoe City, CA	336
10336688	First Creek near Crystal Bay	339
10336690	Second Creek near Crystal Bay	340
10336693	Wood Creek near Crystal Bay	341
10336694	Wood Creek at mouth near Crystal Bay	342
10336696	Third Creek at Incline Village	343
10336698	Third Creek near Crystal Bay	344
10336700	Incline Creek near Crystal Bay	346
10336780	Trout Creek near Tahoe Valley, CA	348
10337900	Truckee River tributary near Truckee, CA	351
10338000	Truckee River near Truckee, CA	352
	Martis Creek:	
10339200	Middle Martis Creek near Truckee, CA	355
10339400	Martis Creek near Truckee, CA	356
10339700	Prosser Creek at Hobart Mills, CA	359
10339900	Alder Creek near Truckee, CA	361
10340000	Prosser Creek near Truckee, CA	364
10340500	Prosser Creek near Boca, CA	366
10342000	Little Truckee River near Hobart Mills, CA	369
10343000	Independence Creek near Truckee, CA	372
10343500	Sagehen Creek near Truckee, CA	374
10344400	Little Truckee River above Boca Reservoir, near Boca, CA	377
10344500	Little Truckee River at Boca, CA	381
10346000	Truckee River at Farad, CA	383
10347300	Dog Creek near Verdi	388
10347600	Hunter Creek near Reno	390
10348000	Truckee River at Reno	392
10348500	Franktown Creek at Franktown	396
	Steamboat Creek:	
	Little Washoe Lake:	
10348900	Galena Creek near Steamboat	398
10349300	Steamboat Creek at Steamboat	401
10349700	Whites Creek near Steamboat	404
10350000	Truckee River at Vista	406
10350100	Long Valley Creek near Happy Valley	410
10351600	Truckee River below Derby Dam, near Wadsworth	411
10351650	Truckee River at Wadsworth	415
10351700	Truckee River near Nixon	417
10351850	Pyramid Lake tributary near Nixon	420
	BLACK ROCK DESERT BASIN	
	Quinn River:	
10352500	McDermitt Creek near McDermitt	421
10353000	East Fork Quinn River near McDermitt	424
10353500	Quinn River near McDermitt	427
10353520	Eagle Creek near Orovada	430
10353600	Kings River near Orovada	431
10353700	Leonard Creek near Denio	433
10353710	Black Rock Desert tributary near Sulphur	436
10353730	Dry Creek near Gerlach	437
	HUALAPAI FLAT	
10353770	South Willow Creek near Gerlach	438
	GUANO VALLEY BASIN	
	Badger Creek:	
10361700	Badger Creek tributary near Vya	439
	TUMTUM LAKE BASIN	
	Thousand Creek:	
10407150	Big Spring Reservoir tributary near Denio	441
	SNAKE RIVER BASIN	
	SALMON FALLS CREEK BASIN	
13105000	Salmon Falls Creek near San Jacinto	442
	BRUNEAU RIVER BASIN	
13161100	Bruneau River near Charleston	446
13161200	Seventy Six Creek near Charleston	447
13161300	Meadow Creek near Rowland	448
13161500	Bruneau River at Rowland	449
13161600	McDonald Creek near Rowland	451
13162200	Jarbidge River at Jarbidge	452
13162400	Buck Creek near Jarbidge	453
13162600	Columbet Creek near Jarbidge	454



Recorded mean daily values Peak flow data only

STATION NO.	STATION NAME	PAGE
	THE GREAT BASIN--Continued	
	OWYHEE RIVER BASIN	
13174500	Owyhee River near Gold Creek	455
13175000	Owyhee River at Mountain City	457
13175500	Owyhee River near Owyhee	460
13175900	Reed Creek near Owyhee	462
13176000	Owyhee River above China Diversion Dam, near Owyhee	463
	South Fork Owyhee River:	
13176600	Taylor Canyon tributary near Tuscarora	466
	Harrington Creek:	
13176900	Jack Creek below Schoonover Creek, near Tuscarora	467
13177000	Jack Creek near Tuscarora	469
13177200	South Fork Owyhee River at Spanish Ranch near Tuscarora	471
13177800	South Fork Owyhee River near Whiterock	473



VIRGIN RIVER BASIN

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ

LOCATION.--Lat 36°53'30", long 113°55'25", in SW¼SW¼ sec.4, T.40 N., R.15 W., Mohave County, Hydrologic Unit 15010010, on right bank 0.5 mi (0.8 km) downstream from Beaver Dam Wash, 0.4 mi (0.6 km) upstream from Littlefield, and 36 mi (58 km) upstream from water line of Lake Mead at elevation 1,221 ft (372.2 m) above mean sea level.

DRAINAGE AREA.--5,090 mi^2 (13,200 km^2), approximately.

REMARKS.--Diversion above station for irrigation of about 23,200 acres (93.9 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																																
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																				
1930			14	36	36	18	35	58	40	35	22	22	9		3	7	13	2	2	3	1	1	2	1		2		2	1						
1931			55	45	26	51	14	8	28	21	45	28	20	12	3	6				2			1											
1932			12	41	31	18	11	23	18	20	15	21	12	19	6	11	28	18	25	19	6	3	1	1		2	1					2	2		
1933			55	28	8	9	5	23	43	60	58	45	18	8	4		1				1													
1934			101	76	14	23	30	27	40	35	9		5			2	1		2														
1935			32	39	25	34	8	8	28	16	71	30	12	12	5	21	13	6	2	1	1		1											
1936			38	32	41	36	32	35	36	22	26	21	17	11	6	5	1	3			1			2	1									
1937			6	47	24	17	19	10	23	46	21	19	8	10	8	18	13	58	13	3	2													
1938			3	17	53	39	27	18	14	6	22	72	22	14	9	12	8	4	5	4	1	1	1	10			1					1		1
1939			47	52	1	8	11	19	31	39	72	45	19	9	2	2	2		2	1							2	1						
1940			81	27	3	8	29	16	50	37	49	23	10	5	3	3	3	2	3	1	5	1	2	1	1	1		2						
1941				12	39	24	14	8	40	20	29	34	10	14	14	16	10	11	9	15	13	5	9	4	4	4	6	1						
1942				74	15	8	12	10	7	4	17	75	50	29	14	12	12	11	4	5	4	1	1											
1943				71	42	9	8	3	42	53	12	24	22	18	18	18	6	8	4	4	1	2												
1944				69	33	8	15	3	28	36	44	29	19	24	18	16	7	3	1	10	3													
1945				46	33	26	17	13	20	56	56	24	27	11	6	10	6	4	5	1	2			1	1									
1946				72	51	9	8	11	51	60	61	25	6	1	2	3	1	1			1	1	1											
1947				16	68	24	11	11	30	23	50	60	29	16	4	4	6	2	1		2	2	1	2		2				1				
1948			1	39	88	10	8	24	43	57	45	22	13	3	5	7	1																	
1949				68	33	10	13	13	49	39	32	31	20	19	9	9	7	9	4															
1950				79	32	20	10	17	27	35	54	58	20	4	2	3	3				1													
1951				104	46	26	24	23	61	53	11	5	5		1	3				1		1			1									
1952				72	14	25	12	12	42	27	32	12	18	22	6	11	4	8	10	8	11	7	5	5	1	2								
1953				69	84	27	29	24	25	38	48	13	2	1			1	1		2	1													
1954				76	32	21	14	16	60	55	26	15	13	8	6	9	8	1	2	1		2												
1955				56	55	25	32	20	37	84	34	5	2	1	2	2	1	1	2	1		1	2			1				1				
1956				118	43	30	32	12	35	42	37	7	2	1	2	2	1	1			1													
1957				124	17	24	44	41	20	31	27	14	11	5	2	1			1	3														
1958				56	18	10	10	9	39	38	41	29	11	5	5	9	16	8	17	12	11	15	4			1	1							
1959				131	30	20	20	18	61	39	26	10	3	3		2				1	1													
1960			42	114	20	7	25	38	51	49	10	5	1	1	1	1					1													
1961				93	28	49	56	45	54	15	4	2	1	5	2	4		2		1	1	2							1					
1962			70	52	13	21	31	5	32	38	25	17	16	9	8	9	4	10			2	1		2									
1963		6	96	35	16	46	50	55	31	7	6	5	2	2	2	2			2		1	1											
1964		44	66	19	21	35	64	41	25	5	19	6	7	4	3	3		1	2				1										
1965		12	80	33	18	5	15	66	54	9	10	10	11	5	12	11	6	7	1														
1966		15	79	44	9	2	27	9	13	51	49	30	15	4	4	5	1	1	3	1		1		1	1								
1967			11	41	19	33	20	23	50	55	58	12	9	19	4	2	2	2	1			2										1	1
1968			36	48	15	11	31	22	16	45	60	30	26	16	4	2	3			1													
1969			5	60	19	10	33	18	27	25	18	18	22	8	7	7	9	4	6	21	15	16	13	1		1			1	1			
1970				41	27	30	21	16	8	36	53	49	11	2	2	2	2		2															
1971				41	03	36	31	15	33	73	36	5	7	4	6	3	5		1	1	1	1												
1972				32	90	36	18	19	23	74	30	12	7	7	5	1		3	1		3	1				3		1						
1973				26	41	8	9	17	8	26	50	29	14	17	13	19	11	7	9	14	10	12	6	6	7	4	2							
1974				10	131	39	14	19	23	33	39	31	19	3	1	2						1												
1975		5	48	58	17	10	18	41	73	35	25	14	7	6	2	1	1				1		1	1	1								
1976		3	29	108	13	25	26	34	61	31	18	9	3	2		2						2											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	17167	100.0	12	290.0	588	2543	14.8	24	2500	13	67	.3
1	40.00	85	17167	100.0	13	350.0	393	1955	11.4	25	3000	22	54	.3
2	48.00	1083	17082	99.5	14	420.0	241	1562	9.1	26	3600	11	32	.1
3	57.00	2989	15999	93.2	15	500.0	291	1321	7.7	27	4300	7	21	.1
4	69.00	1392	13010	75.8	16	600.0	209	1030	6.0	28	5200	3	14	
5	82.00	963	11618	67.7	17	710.0	200	821	4.8	29	6200	3	11	
6	98.00	1036	10655	62.1	18	850.0	146	621	3.6	30	7400		8	
7	120.00	1025	9619	56.0	19	1000.0	137	475	2.8	31	8900	2	8	
8	140.00	1797	8594	50.1	20	1200.0	105	338	2.0	32	11000	3	6	
9	170.00	1700	6797	39.6	21	1500.0	75	233	1.4	33	13000	1	3	
10	200.00	1520	5097	29.7	22	1800.0	52	158	0.9	34	15000	2	2	
11	240.00	1034	3577	20.8	23	2100.0	39	106	0.6					

0941500 VIRGIN RIVER AT LITTLEFIELD, AZ--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1931	54.00 21	54.00 21	55.00 21	57.00 21	103.00 46	109.00 44	218.00 45	208.00 45	241.00 45
1932	50.00 7	50.00 7	50.00 6	51.00 6	53.00 6	55.00 6	62.00 9	70.00 10	87.00 9
1933	50.00 8	50.00 8	50.00 7	59.00 25	65.00 35	138.00 46	151.00 44	177.00 43	197.00 43
1934	51.00 14	53.00 15	54.00 18	54.00 12	57.00 14	73.00 33	80.00 24	85.00 20	98.00 12
1935	53.00 19	53.00 16	53.00 15	54.00 13	55.00 10	55.00 7	57.00 4	59.00 3	62.00 1
1936	50.00 9	51.00 11	52.00 11	53.00 8	60.00 19	69.00 29	84.00 27	107.00 33	113.00 20
1937	54.00 22	55.00 22	55.00 19	55.00 17	56.00 11	79.00 38	146.00 43	161.00 42	164.00 38
1938	59.00 35	60.00 35	60.00 32	64.00 40	68.00 42	99.00 43	104.00 37	111.00 37	120.00 27
1939	55.00 23	57.00 23	62.00 36	67.00 45	70.00 44	76.00 37	107.00 38	108.00 34	127.00 30
1940	52.00 17	53.00 17	53.00 12	54.00 14	57.00 15	58.00 10	59.00 8	74.00 13	193.00 42
1941	53.00 20	53.00 18	54.00 16	54.00 15	54.00 7	54.00 3	55.00 1	69.00 7	169.00 41
1942	58.00 31	60.00 36	66.00 46	74.00 46	77.00 45	128.00 45	230.00 46	236.00 46	266.00 46
1943	58.00 32	59.00 32	59.00 29	63.00 36	66.00 36	69.00 30	94.00 34	88.00 23	115.00 22
1944	63.00 46	63.00 44	64.00 44	64.00 41	66.00 37	67.00 25	87.00 29	103.00 30	116.00 23
1945	61.00 38	62.00 39	63.00 40	63.00 37	64.00 32	65.00 22	67.00 14	69.00 8	104.00 14
1946	60.00 36	60.00 37	61.00 33	62.00 33	63.00 29	74.00 34	144.00 42	179.00 44	199.00 44
1947	58.00 33	59.00 33	61.00 34	62.00 34	65.00 33	69.00 31	80.00 25	105.00 31	120.00 28
1948	62.00 41	63.00 45	64.00 41	66.00 44	67.00 40	74.00 35	111.00 39	112.00 38	118.00 24
1949	56.00 24	57.00 24	59.00 30	61.00 30	62.00 24	68.00 26	75.00 19	75.00 15	91.00 11
1950	62.00 42	62.00 40	62.00 37	63.00 35	63.00 30	64.00 17	76.00 20	86.00 21	118.00 25
1951	62.00 43	63.00 41	64.00 42	65.00 42	68.00 43	74.00 36	87.00 30	97.00 27	103.00 13
1952	57.00 26	57.00 25	58.00 26	59.00 26	60.00 20	66.00 23	99.00 36	108.00 35	129.00 33
1953	61.00 39	61.00 38	62.00 38	62.00 31	62.00 25	69.00 27	73.00 18	80.00 18	107.00 15
1954	63.00 44	63.00 42	63.00 39	64.00 38	65.00 34	70.00 32	77.00 21	89.00 24	108.00 18
1955	61.00 40	63.00 43	64.00 43	64.00 39	67.00 41	85.00 42	112.00 40	116.00 39	128.00 31
1956	63.00 45	64.00 46	65.00 45	66.00 43	66.00 38	67.00 24	79.00 23	105.00 32	165.00 39
1957	57.00 27	57.00 26	57.00 23	58.00 22	59.00 17	60.00 11	63.00 10	73.00 11	77.00 4
1958	57.00 28	57.00 27	57.00 24	58.00 23	62.00 26	65.00 18	92.00 31	89.00 25	129.00 32
1959	58.00 34	58.00 30	58.00 27	59.00 27	60.00 21	84.00 40	92.00 32	155.00 41	160.00 36
1960	57.00 29	57.00 28	57.00 25	58.00 24	59.00 18	60.00 12	63.00 11	66.00 6	86.00 8
1961	50.00 10	50.00 9	51.00 8	53.00 9	54.00 8	56.00 8	57.00 5	60.00 4	70.00 2
1962	58.00 30	59.00 31	60.00 31	61.00 28	62.00 27	63.00 14	67.00 15	81.00 19	162.00 37
1963	50.00 11	50.00 10	51.00 9	51.00 7	52.00 4	55.00 4	58.00 6	57.00 1	81.00 6
1964	41.00 2	41.00 1	44.00 3	48.00 3	52.00 5	52.00 2	55.00 2	60.00 5	107.00 16
1965	42.00 3	42.00 3	43.00 2	44.00 1	46.00 1	48.00 1	58.00 7	76.00 16	89.00 10
1966	47.00 5	47.00 5	48.00 5	49.00 4	51.00 3	57.00 9	77.00 22	74.00 14	118.00 26
1967	40.00 1	41.00 2	41.00 1	45.00 2	48.00 2	55.00 5	56.00 3	58.00 2	71.00 3
1968	52.00 18	53.00 19	53.00 13	57.00 18	64.00 31	84.00 41	95.00 35	116.00 40	131.00 34
1969	51.00 15	52.00 12	53.00 14	54.00 10	56.00 12	65.00 19	81.00 26	97.00 28	114.00 21
1970	50.00 12	52.00 13	55.00 20	57.00 19	67.00 39	83.00 39	92.00 33	102.00 29	132.00 35
1971	51.00 13	53.00 14	56.00 22	57.00 20	61.00 22	65.00 20	69.00 17	76.00 17	85.00 7
1972	60.00 37	60.00 34	61.00 35	62.00 32	63.00 28	63.00 15	66.00 12	88.00 22	124.00 29
1973	52.00 16	54.00 20	54.00 17	55.00 16	57.00 16	60.00 13	125.00 41	109.00 36	169.00 40
1974	48.00 6	49.00 6	51.00 10	54.00 11	55.00 9	65.00 21	67.00 16	73.00 12	108.00 17
1975	56.00 25	57.00 29	59.00 28	61.00 29	62.00 23	64.00 16	66.00 13	70.00 9	79.00 5
1976	44.00 4	45.00 4	47.00 4	51.00 5	56.00 13	69.00 28	86.00 28	96.00 26	112.00 19

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1930	6000.0	7	3700.0	8	2640.0	6	1670.0	8	908.0	9	654.0	10	475.0	14	413.0	14	354.0	14
1931	1460.0	23	938.0	30	611.0	32	472.0	29	363.0	29	302.0	26	283.0	25	270.0	23	240.0	23
1932	12000.0	3	9000.0	3	4210.0	3	2170.0	5	1490.0	5	1040.0	7	984.0	6	989.0	4	752.0	3
1933	1200.0	40	700.0	40	430.0	40	334.0	39	290.0	36	245.0	33	243.0	33	234.0	31	230.0	28
1934	954.0	44	634.0	44	357.0	45	268.0	46	251.0	41	210.0	39	199.0	40	183.0	41	153.0	45
1935	1800.0	26	1080.0	29	798.0	25	716.0	20	663.0	17	562.0	15	456.0	16	402.0	15	344.0	15
1936	2710.0	17	1760.0	16	837.0	23	440.0	32	424.0	27	291.0	29	277.0	26	244.0	28	235.0	26
1937	1440.0	33	1100.0	28	862.0	21	830.0	17	820.0	12	790.0	8	747.0	8	696.0	8	516.0	8
1938	17000.0	1	10700.0	1	5080.0	1	2580.0	2	1460.0	6	1190.0	5	1030.0	4	857.0	5	655.0	5
1939	5000.0	9	3330.0	9	2170.0	8	1230.0	10	737.0	14	398.0	23	285.0	24	254.0	24	235.0	27
1940	4600.0	12	3100.0	10	1800.0	12	1050.0	13	704.0	15	539.0	16	443.0	17	384.0	18	304.0	18
1941	4740.0	10	4000.0	5	3540.0	4	3010.0	1	2210.0	1	1610.0	1	1410.0	1	1220.0	1	921.0	1
1942	1910.0	25	1300.0	22	1100.0	17	1050.0	14	860.0	11	654.0	11	547.0	11	481.0	10	418.0	9
1943	1790.0	27	1490.0	20	1060.0	18	812.0	18	650.0	18	596.0	14	526.0	12	475.0	11	373.0	12
1944	1260.0	37	1230.0	24	1190.0	16	1060.0	11	807.0	13	617.0	12	556.0	9	488.0	9	397.0	10
1945	2500.0	19	1560.0	18	841.0	22	674.0	22	552.0	22	418.0	22	367.0	19	351.0	19	296.0	19
1946	1830.0	24	1160.0	26	658.0	30	487.0	28	336.0	30	255.0	32	249.0	31	239.0	30	216.0	30
1947	6760.0	5	3910.0	6	1920.0	10	1020.0	15	897.0	10	598.0	13	514.0	13	444.0	13	372.0	13
1948	646.0	47	587.0	46	530.0	37	446.0	30	366.0	28	296.0	27	260.0	29	242.0	29	227.0	29
1949	986.0	43	894.0	32	815.0	24	709.0	21	589.0	19	493.0	17	430.0	18	396.0	16	326.0	16
1950	1470.0	31	620.0	45	369.0	44	325.0	40	303.0	33	274.0	30	264.0	27	253.0	25	236.0	25
1951	3230.0	14	1550.0	19	771.0	26	434.0	33	282.0	37	195.0	46	172.0	46	165.0	45	154.0	44
1952	3230.0	15	2580.0	13	2150.0	9	2080.0	6	1670.0	3	1290.0	4	1010.0	5	811.0	7	649.0	6
1953	1270.0	36	873.0	34	477.0	39	307.0	43	237.0	45	221.0	37	212.0	35	198.0	36	166.0	39
1954	1700.0	28	835.0	35	625.0	31	507.0	26	438.0	25	360.0	24	305.0	23	293.0	22	252.0	21
1955	6330.0	6	3850.0	7	1770.0	13	1050.0	12	673.0	16	425.0	20	307.0	22	248.0	27	210.0	31
1956	1330.0	35	826.0	36	507.0	38	359.0	37	278.0	38	229.0	36	226.0	34	211.0	34	175.0	35
1957	1120.0	42	799.0	37	422.0	41	309.0	41	263.0	40	235.0	34	204.0	38	194.0	38	187.0	32
1958	3830.0	13	2200.0	14	1840.0	11	1510.0	9	1370.0	7	1180.0	6	974.0	7	816.0	6	606.0	7
1959	1250.0	38	683.0	42	349.0	46	279.0	45	244.0	43	209.0	40	192.0	42	191.0	39	169.0	38
1960	1470.0	32	716.0	39	416.0	42	283.0	44	210.0	47	183.0	47	178.0	44	177.0	43	161.0	42
1961	5330.0	8	2120.0	15	1020.0	19	638.0	24	479.0	24	330.0	25	261.0	28	212.0	33	164.0	41
1962	2140.0	21	1570.0	17	1300.0	15	846.0	16	554.0	21	434.0	19	459.0	15	385.0	17	314.0	17
1963	1620.0	29	884.0	33	568.0	34	342.0	38	299.0	34	207.0	41	156.0	47	135.0	47	122.0	47
1964	1880.0	22	1140.0	27	548.0	35	406.0	35	247.0	42	202.0	44	173.0	45	161.0	46	145.0	46
1965	937.0	45	775.0	38	702.0	27	649.0	23	567.0	20	462.0	18	361.0	20	305.0	21	250.0	22
1966	2640.0	18	1360.0	21	878.0	20	586.0	25	501.0	23	419.0	21	347.0	21	310.0	20	286.0	20
1967	15200.0	2	10300.0	2	4710.0	2	2370.0	4	1290.0	8	749.0	9	556.0	10	459.0	12	389.0	11
1968	1180.0	41	685.0	41	544.0	36	440.0	31	298.0	35	266.0	31	259.0	30	251.0	26	239.0	24
1969	7220.0	4	4060.0	4	2470.0	7	1790.0	7	1650.0	4	1440.0	3	1220.0	3	1100.0	2	836.0	2
1970	914.0	46	499.0	47	394.0	43	308.0	42	231.0	46	212.0	38	208.0	36	208.0	35	182.0	33
1971	1200.0	39	903.0	31	674.0	28	490.0	27	325.0	31	198.0	45	182.0	43	174.0	44	159.0	43
1972	4740.0	11	2910.0	12	1410.0	14	729.0	19	425.0	26	294.0	28	243.0	32	226.0	32	180.0	34
1973	3000.0	16	2930.0	11	2710.0	5	2450.0	3	2050.0	2	1540.0	2	1230.0	2	1020.0	3	738.0	4
1974	1390.0	34	679.0	43	331.0	47	256.0	47	240.0	44	204.0	42	207.0	37	197.0	37	170.0	37
1975	2380.0	20	1250.0	23	593.0	33	363.0	36	265.0	39	203.0	43	194.0	41	187.0	40	174.0	36
1976	1600.0	30	1210.0	25	660.0	29	422.0	34	304.0	32	233.0	35	202.0	39	182.0	42	165.0	40

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
139	185	226	218	286	297	379	384	112	103	192	149
9205	6438	27120	9595	40650	65610	133400	226200	6614	5197	36340	20980
95.9	80.2	165	98.0	202	256	365	476	81.3	72.1	191	145
3.08	2.60	5.43	4.17	3.45	2.41	1.36	2.18	2.01	2.76	2.79	2.62
0.69	0.43	0.73	0.45	0.71	0.86	0.96	1.24	0.73	0.70	0.99	0.97
5.19	6.94	8.47	8.15	10.7	11.1	14.2	14.4	4.20	3.87	7.19	5.59

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
222	12600	112	1.50	0.50	-0.056

09415000 VIRGIN RIVER AT LITTLEFIELD, AZ--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.08	2.24	2.31	2.31	2.40	2.37	2.39	2.34	1.97	1.95	2.15	2.06
0.04	0.02	0.03	0.02	0.04	0.08	0.17	0.20	0.06	0.04	0.10	0.08
0.21	0.15	0.17	0.14	0.21	0.28	0.41	0.45	0.24	0.21	0.32	0.28
1.31	1.15	2.26	1.46	1.31	0.90	0.26	0.55	1.07	1.54	0.72	1.35
0.10	0.07	0.07	0.06	0.09	0.12	0.17	0.19	0.12	0.11	0.15	0.14
7.83	8.43	8.69	8.70	9.01	8.91	8.99	8.79	7.42	7.35	8.11	7.75

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.30	0.04	0.19	0.76	0.08	0.001

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1930	6500.0	1942	3740.0	1954	6020.0	1966	5490.0
1931	3000.0	1943	2660.0	1955	19800.0	1967	35200.0
1932	18000.0	1944	1900.0	1956	2460.0	1968	2180.0
1933	1500.0	1945	4170.0	1957	3950.0	1969	21400.0
1934	1220.0	1946	5010.0	1958	7180.0	1970	8960.0
1935	1900.0	1947	9400.0	1959	3490.0	1971	6140.0
1936	2710.0	1948	1090.0	1960	2320.0	1972	8180.0
1937	1440.0	1949	2290.0	1961	10900.0	1973	3740.0
1938	22000.0	1950	3450.0	1962	5380.0	1974	5840.0
1939	13000.0	1951	12000.0	1963	4720.0	1975	5910.0
1940	11000.0	1952	7170.0	1964	6300.0	1976	5180.0
1941	6000.0	1953	5490.0	1965	4040.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.7073	3.7073
STANDARD DEVIATION	0.3465	0.3465
SKEW COEFFICIENTS		
STATION	0.2480	0.2480
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0727 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	47	47
PERIOD (YEARS)	47	47

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	786.2	689.5	607.1	433.6	971.3
0.9900	922.4	831.5	755.0	541.1	1144.8
0.9500	1455.0	1395.3	1338.5	993.6	1811.3
0.9000	1877.1	1845.3	1788.3	1373.5	2331.1
0.8000	2584.1	2597.4	2556.5	2026.3	3196.2
0.5000	4931.6	5047.7	5047.7	4155.1	6128.3
0.2000	9860.9	9944.3	10111.9	8084.0	12738.2
0.1000	14436.5	14252.6	14740.2	11269.4	19184.5
0.0400	21995.6	21009.0	22220.5	15975.4	30104.5
0.0200	29106.8	27055.7	29435.3	19991.3	40514.1
0.0100	37652.9	34020.8	37929.9	24455.9	53096.4

09415100 PULSIPHER WASH NEAR MESQUITE, NV

LOCATION.--Lat 36°48'04", long 114°06'37", in NW¼SW¼ sec.18, T.13 S., R.71 E., Clark County, Hydrologic Unit 15010010, at culvert on U.S. Highway 91, 2.5 mi (4.0 km) west of Mesquite.

DRAINAGE AREA.--4.58 mi^2 (11.86 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	280.0	1967	523.0	1971	1880.0	1975	7.0
1964	10.0	1968	150.0	1972	15.0	1976	0
1965	120.0	1969	9.0	1973	9.0		
1966	2.0	1970	75.0	1974	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.4659 S	1.4136 S
STANDARD DEVIATION	0.9634 S	1.0521 S
SKEW COEFFICIENTS		
STATION	0.3259	0.3259
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8571	0.8571
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	4.4	3.4	0.0	0.7	10.2
0.5000	25.9	25.9	25.9	8.4	79.8
0.2000	181.0	199.1	236.3	65.8	966.9
0.1000	536.1	578.0	806.3	169.7	4048.7
0.0400	1801.0	1801.0	3038.2	442.3	19641.3
0.0200	4059.8	3752.8	8116.6	806.6	55461.6
0.0100	8606.6	7263.7	21476.2	1373.4	142246.9

09415560 WHITE RIVER TRIBUTARY NEAR SUNNYSIDE, NV

LOCATION.--Lat 38°19'30", long 115°02'42", Nye County, Hydrologic Unit 15010011, about 0.4 mi (0.6 km) downstream from ford on State Highway 38, 8 mi (13 km) south of Sunnyside.

DRAINAGE AREA.--20 mi^2 (52 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	600.0	1969	2.0	1971	238.0	1973	330.0
1967	120.0	1970	2.0	1972	363.0	1974	0
1968	0					1975	0
						1976	0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.7829 S	1.0978 S
STANDARD DEVIATION	1.7971 S	1.1917 S
SKEW COEFFICIENTS		
STATION	-1.0714	-1.0714
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6364	0.6364
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	12.5	12.5	12.5	2.9	54.1
0.2000	203.7	126.1	161.8	31.1	1054.4
0.1000	607.3	421.6	682.1	90.2	5924.0
0.0400	1527.6	1527.6	3347.6	262.4	39979.6
0.0200	2461.8	3508.7	11405.3	510.9	140491.0
0.0100	3522.8	7413.0	34844.1	920.8	439724.3

09416000 MUDDY RIVER NEAR MOAPA, NV

LOCATION.--Lat 36°42'40", long 114°41'40", in SE¼SE¼ sec.15, T.14 S., R.65 E., Clark County, Hydrologic Unit 15010012, on left bank 0.1 mi (0.2 km) upstream from Battleship Wash, 0.8 mi (1.3 km) downstream from Home Ranch, 5 mi (8 km) northwest of Moapa, and 9.5 mi (15.3 km) upstream from Meadow Valley Wash.

DRAINAGE AREA.--3,820 mi^2 (9,890 km^2), approximately, of which about 40 mi^2 (104 km^2) contributes directly to surface runoff.

REMARKS.--Diversions for irrigation above station. Records include part-time diversion about 100 ft upstream, for cooling of power plant downstream. Normal flow originates from springs in reach 0.9 to 2.5 mi (1.4 to 4.0 km) upstream from station. Flood peaks may be dampened by Arrow Canyon Dam.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914					13	12	5	11	0	11	3								1						1										
1915				4	19	7	0	14	1	09	16	4	1			1																			
1917					5	2	0	7	8	15	9	1	0	2																					
1918				3	8	1	7	4	0	19	1	06																							
1945					3	6	1	2	0	1	6	1	44	1	1		1																		
1946					8	5	1	7	7	1	5	6			1				1																
1947						9	6	1	1	4	1	5	1	2	2																				
1948						7	1	3	6	1	5	4	6	8	1																				
1949					1	2	9	9	1	5	6	8	3	15																					
1950						1	3	0	1	6	6	6	8	1																					
1951						1	0	0	1	8	6	7	8		1																				
1952				2	1	2	1	2	7	1	0	2	1	1	1	1																		
1953				1	3	0	1	5	8	9	3	7	8	3	1			1																
1954						2	5	1	3	9	1	1	1	8	9	1																			
1955						1	1	3	9	1	1	1	1	0	3			1																	
1956						2	2	1	3	9	1	4	0	6	5																				
1957						4	9	3	1	7	6	8	2	2	1		1	3		1														
1958						1	1	0	5	4	7	8	4	1	0	7	6	2	1	2															
1959						2	7	0	1	3	3	1	0	3	4	6	2																		
1960				1	6	9	6	6	7	3	8	6	9	1			1																		
1961						7	5	1	4	7	6	2	7	1	2	2		1	1								1								
1962					11	8	4	1	2	2	1	0	5	3	8	2	2																		
1963						3	6	1	1	4	5	1	2	1	3	5																			
1964						2	1	0	8	9	7	5	6	1	0	3																			
1965						1	2	8	1	5	0	6	0	1	7		6	2		1	1														
1966					4	9	3	1	0	2	1	3	0		6	1	5			1	1														
1967			6		3	2	1	1	3	1	6	2	2	9	1	1	1	2		2														2
1968			1	1	2	7	0	1	2	0	1	5	8		3	1																		
1969			1		3	6	7	1	1	5	8	0	8	2	1	1		2		1														
1970					2	8	2	1	2	0	1	3	9	1	7	5																			
1971			18		33	1	5	7	1	0	4	5	2							1														
1972					4	7	1	9	7	1	2	3	6	4	1	1			1	1	1				1				1					
1973						4	1	1	0	3	1	0	2	6	5	3	4	5		1						1			1					
1974					14	1	1	8	7	3	9	8	6	1	1																			
1975			2	2	8	9	6	1	4	7	6	5	3	3	1																			
1976			5	2	5	1	3	4	1	0	1	6	8	2	0	5	1	1		2	2												1	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13148	100.0	12	75.0	9	55	0.4	24	200	2	9	
1	30.00	33	13148	100.0	13	82.0	5	46	0.3	25	220	1	7	
2	33.00	131	13115	99.7	14	89.0	9	41	0.3	26	240		6	
3	35.00	995	12984	98.8	15	96.0	4	32	0.2	27	260	1	6	
4	39.00	2010	11989	91.2	16	100.0	5	28	0.2	28	280		5	
5	42.00	3935	9979	75.9	17	110.0	6	23	0.2	29	310	2	5	
6	46.00	3421	6044	46.0	18	120.0	4	17	0.1	30	340		3	
7	49.00	2210	2623	19.9	19	130.0	4	13	0.1	31	370		3	
8	54.00	292	413	3.1	20	150.0	0	9	0.1	32	400	1	3	
9	58.00	45	121	0.9	21	160.0	0	9	0.1	33	430		2	
10	64.00	9	76	0.6	22	170.0	0	9	0.1	34	470	2	2	
11	69.00	12	67	0.5	23	190.0	0	9	0.1					

09416000 MUDDY RIVER NEAR MOAPA, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1915	40.00 25	40.00 22	41.00 25	41.00 24	43.00 26	43.00 21	44.00 27	44.00 23	44.00 18
1916	37.00 14	39.00 16	40.00 17	42.00 25	43.00 27	44.00 29	44.00 28	44.00 24	45.00 27
1946	39.00 19	39.00 17	39.00 14	40.00 19	41.00 17	41.00 16	42.00 17	43.00 18	44.00 19
1947	37.00 15	37.00 11	38.00 11	39.00 14	40.00 13	40.00 12	41.00 13	43.00 19	44.00 20
1948	43.00 33	43.00 32	43.00 31	43.00 30	44.00 33	44.00 30	44.00 29	45.00 30	45.00 28
1949	41.00 28	41.00 27	41.00 26	42.00 26	43.00 28	43.00 22	43.00 21	43.00 20	44.00 21
1950	39.00 20	40.00 23	40.00 18	41.00 20	43.00 29	43.00 23	43.00 22	44.00 25	45.00 29
1951	42.00 29	42.00 28	42.00 28	42.00 27	43.00 30	43.00 24	43.00 23	44.00 26	44.00 22
1952	42.00 30	43.00 33	43.00 32	43.00 31	44.00 31	45.00 33	45.00 33	45.00 31	46.00 31
1953	36.00 11	38.00 13	40.00 19	41.00 21	42.00 21	43.00 25	43.00 24	44.00 27	44.00 23
1954	39.00 21	40.00 24	40.00 20	41.00 22	42.00 22	43.00 26	43.00 25	44.00 28	44.00 24
1955	40.00 26	40.00 25	40.00 21	41.00 23	41.00 18	42.00 18	42.00 18	43.00 21	44.00 25
1956	41.00 27	42.00 29	42.00 29	42.00 28	42.00 23	43.00 27	44.00 30	44.00 29	45.00 30
1957	39.00 22	39.00 18	40.00 22	40.00 15	41.00 19	42.00 19	42.00 19	42.00 16	43.00 15
1958	42.00 31	42.00 30	42.00 30	43.00 32	43.00 24	44.00 31	45.00 31	46.00 32	47.00 32
1959	39.00 23	41.00 26	41.00 27	42.00 29	43.00 25	43.00 28	43.00 26	43.00 22	44.00 26
1960	43.00 32	43.00 31	44.00 33	44.00 33	44.00 32	45.00 32	45.00 32	46.00 33	47.00 33
1961	38.00 16	39.00 19	39.00 15	40.00 16	40.00 14	40.00 13	41.00 14	41.00 13	43.00 16
1962	39.00 24	39.00 20	40.00 23	40.00 17	41.00 20	42.00 20	42.00 20	42.00 17	43.00 17
1963	38.00 17	38.00 14	38.00 12	38.00 11	39.00 11	40.00 14	41.00 15	41.00 14	42.00 12
1964	38.00 18	39.00 21	40.00 24	40.00 18	40.00 15	41.00 17	41.00 16	42.00 15	42.00 13
1965	37.00 12	38.00 15	39.00 16	39.00 12	40.00 16	40.00 15	40.00 12	40.00 10	41.00 9
1966	37.00 13	37.00 12	38.00 13	39.00 13	39.00 12	39.00 11	39.00 10	40.00 11	41.00 10
1967	34.00 7	34.00 9	35.00 8	35.00 7	36.00 6	37.00 7	38.00 7	39.00 8	40.00 7
1968	32.00 3	32.00 3	32.00 2	34.00 3	37.00 7	39.00 8	40.00 11	40.00 12	42.00 11
1969	32.00 4	33.00 4	33.00 3	34.00 4	35.00 4	36.00 4	37.00 4	37.00 4	38.00 4
1970	32.00 5	33.00 5	34.00 5	36.00 8	37.00 8	39.00 9	39.00 8	39.00 9	40.00 8
1971	34.00 8	34.00 6	34.00 6	35.00 5	35.00 5	37.00 5	37.00 5	37.00 5	38.00 5
1972	30.00 1	30.00 1	31.00 1	31.00 1	32.00 1	33.00 1	35.00 1	36.00 1	37.00 1
1973	34.00 9	34.00 7	35.00 9	36.00 9	37.00 9	37.00 6	38.00 6	39.00 6	43.00 14
1974	35.00 10	36.00 10	37.00 10	38.00 10	38.00 10	39.00 10	39.00 9	39.00 7	40.00 6
1975	33.00 6	34.00 8	34.00 7	35.00 6	35.00 2	35.00 2	35.00 2	36.00 2	37.00 2
1976	30.00 2	31.00 2	33.00 4	34.00 2	35.00 3	36.00 3	36.00 3	37.00 3	38.00 3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1914	205.0 6	128.0 6	84.0 6	66.0 6	58.0 5	54.0 6	53.0 5	52.0 4	50.0 6
1915	83.0 17	68.0 17	60.0 13	57.0 11	55.0 9	53.0 7	52.0 8	51.0 8	50.0 7
1917	54.0 30	51.0 31	51.0 27	50.0 31	50.0 28	49.0 27	49.0 22	49.0 18	49.0 15
1918	53.0 31	53.0 27	53.0 23	52.0 21	51.0 21	50.0 22	50.0 16	49.0 14	49.0 16
1945	103.0 14	74.0 12	62.0 12	55.0 13	50.0 29	48.0 28	48.0 23	48.0 27	47.0 24
1946	128.0 9	70.0 15	54.0 19	51.0 29	51.0 22	51.0 14	50.0 17	50.0 11	50.0 8
1947	68.0 22	59.0 21	54.0 20	52.0 22	52.0 16	51.0 15	51.0 12	50.0 12	50.0 9
1948	62.0 24	55.0 25	53.0 21	51.0 23	51.0 17	50.0 16	49.0 18	49.0 20	48.0 17
1949	57.0 26	56.0 23	55.0 17	54.0 14	54.0 12	52.0 9	52.0 9	50.0 13	49.0 10
1950	55.0 28	51.0 32	51.0 28	51.0 24	51.0 18	50.0 17	49.0 19	49.0 21	48.0 18
1951	58.0 25	52.0 28	51.0 29	50.0 30	49.0 30	49.0 23	48.0 24	49.0 22	48.0 19
1952	68.0 23	57.0 22	51.0 30	51.0 25	50.0 23	50.0 18	49.0 20	49.0 23	49.0 11
1953	82.0 18	60.0 19	53.0 22	53.0 17	53.0 13	52.0 10	51.0 10	50.0 14	48.0 20
1954	55.0 29	52.0 29	51.0 31	51.0 26	50.0 24	50.0 19	49.0 21	49.0 15	48.0 21
1955	104.0 13	67.0 18	59.0 14	54.0 15	53.0 14	52.0 11	51.0 11	51.0 9	49.0 12
1956	53.0 32	53.0 26	52.0 24	52.0 18	51.0 19	50.0 20	50.0 13	49.0 16	48.0 22
1957	113.0 10	100.0 7	78.0 7	64.0 7	55.0 10	51.0 12	50.0 14	49.0 17	49.0 13
1958	113.0 11	79.0 10	65.0 9	59.0 8	57.0 6	55.0 5	55.0 2	55.0 1	54.0 1
1959	98.0 15	95.0 8	70.0 8	58.0 10	54.0 11	53.0 8	53.0 6	52.0 5	51.0 4
1960	98.0 16	71.0 14	62.0 10	59.0 9	57.0 7	56.0 3	55.0 3	54.0 2	52.0 2
1961	269.0 5	154.0 5	98.0 5	74.0 3	63.0 3	57.0 2	54.0 4	52.0 6	50.0 5
1962	69.0 21	59.0 20	54.0 18	51.0 27	50.0 25	48.0 29	48.0 25	48.0 24	47.0 25
1963	52.0 35	51.0 33	51.0 32	51.0 28	50.0 26	49.0 24	48.0 26	48.0 25	47.0 26
1964	53.0 33	52.0 30	52.0 25	52.0 19	51.0 20	50.0 21	50.0 15	50.0 10	48.0 23
1965	76.0 20	68.0 16	62.0 11	56.0 12	52.0 15	49.0 25	48.0 27	47.0 28	46.0 27
1966	140.0 7	83.0 9	58.0 16	52.0 20	48.0 31	46.0 30	46.0 30	45.0 29	44.0 31
1967	810.0 1	460.0 1	242.0 1	141.0 1	91.0 1	67.0 1	58.0 1	53.0 3	49.0 14
1968	82.0 19	55.0 24	47.0 35	44.0 36	44.0 35	43.0 35	43.0 33	43.0 33	43.0 32
1969	110.0 12	74.0 11	59.0 15	53.0 16	50.0 27	49.0 26	48.0 28	48.0 26	46.0 28
1970	51.0 36	49.0 34	49.0 33	48.0 32	46.0 32	44.0 33	43.0 34	43.0 34	43.0 33
1971	133.0 8	72.0 13	52.0 26	45.0 35	42.0 36	41.0 36	40.0 36	40.0 36	39.0 36
1972	315.0 4	189.0 2	103.0 4	69.0 4	59.0 4	51.0 13	47.0 29	45.0 30	44.0 29
1973	318.0 3	168.0 4	123.0 2	83.0 2	63.0 2	55.0 4	52.0 7	51.0 7	51.0 3
1974	52.0 34	48.0 36	47.0 36	47.0 33	46.0 33	46.0 31	45.0 31	45.0 31	44.0 30
1975	56.0 27	49.0 35	48.0 34	47.0 34	46.0 34	44.0 34	42.0 35	41.0 35	41.0 35
1976	400.0 2	181.0 3	103.0 3	67.0 5	55.0 8	46.0 32	45.0 32	44.0 32	42.0 34

09416000 MUDDY RIVER NEAR MOAPA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
45.0	46.8	47.9	48.3	48.4	47.2	45.3	43.6	42.0	41.7	43.0	45.2
20.6	21.3	12.6	11.4	16.9	8.77	9.67	8.58	7.91	12.0	15.8	74.1
4.54	4.62	3.58	3.38	4.11	2.96	3.11	2.93	2.81	3.47	3.96	8.61
1.39	0.54	-0.47	-0.51	-0.16	-0.06	-0.23	-0.53	-0.86	-0.90	0.73	4.42
0.10	0.10	0.07	0.07	0.09	0.06	0.07	0.07	0.07	0.08	0.09	0.19
8.26	8.60	8.80	8.87	8.89	8.67	8.53	8.01	7.71	7.66	7.89	8.31

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
45.3	7.07	2.66	-0.97	0.06	0.668

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.65	1.67	1.68	1.68	1.68	1.67	1.66	1.64	1.62	1.62	1.63	1.65
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.06
0.85	0.03	-0.60	-0.68	-0.59	-0.15	-0.36	-0.41	-0.96	-1.04	0.40	3.26
0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04
8.32	8.40	8.46	8.48	8.48	8.43	8.34	8.25	8.17	8.15	8.22	8.31

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.66	0.00	0.03	-1.05	0.02	0.655

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1913	85.0	1950	173.0	1961	1100.0	1969	855.0
1915	88.0	1951	93.0	1962	76.0	1970	294.0
1916	68.0	1952	132.0	1963	76.0	1971	847.0
1917	62.0	1954	98.0	1964	92.0	1972	698.0
1945	1310.0	1956	59.0	1965	124.0	1973	803.0
1946	290.0	1957	356.0	1966	931.0	1974	78.0
1947	162.0	1958	280.0	1967	5100.0	1975	177.0
1948	82.0	1959	120.0	1968	335.0	1976	1990.0
1949	61.0	1960	260.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3573	2.3573
STANDARD DEVIATION	0.5105	0.5105
SKEW COEFFICIENTS		
STATION	0.8377	0.8377
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.1005 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	34	34
PERIOD (YEARS)	34	34

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	27.3	12.3	9.7	5.4	22.0
0.9900	30.7	16.1	13.4	7.5	27.7
0.9500	45.2	34.1	31.4	18.6	53.1
0.9000	58.3	51.1	48.0	30.2	76.2
0.8000	83.3	84.2	81.5	54.2	120.2
0.5000	193.5	223.2	223.2	159.0	312.9
0.2000	566.6	608.4	629.8	426.6	943.9
0.1000	1096.5	1039.2	1113.9	695.7	1767.7
0.0400	2396.9	1855.1	2081.3	1161.9	3543.4
0.0200	4151.6	2710.0	3217.8	1615.8	5616.9
0.0100	7012.9	3823.0	4759.2	2173.9	8556.7

09417500 MEADOW VALLEY WASH AT EAGLE CANYON, NEAR URSINE, NV

LOCATION.--Lat 38°00'10", long 114°12'20", in SW¼ sec.25, T.2 N., R.69 E., Lincoln County, Hydrologic Unit 15010013, on right bank in Eagle Canyon, 1.7 mi (2.7 km) upstream from Ursine, 14 mi (23 km) upstream from Patterson Wash, and 18 mi (29 km) east of Pioche.

DRAINAGE AREA.--293 mi^2 (759 km^2).

REMARKS.--Several diversions for irrigation above station. Flow regulated by Eagle Valley and Hollinger Reservoirs, total capacity, 1,470 acre-ft (1.81 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1963									4	1	12	26	65	74	52	35	19	14	11	16	18	13	4	1											
1964										1	3	51	47	50	37	33	39	38	25	20	9	5	3	4	1										
1965										1	2	24	40	91	51	38	53	33	14	5	8	4	1											
1966			3	7			4	6	7	9	13	2	13	92	56	21	30	31	8	11	25	7	1	10	3	2	2	2							
1967										6		45	74	25	52	35	37	24	24	14	15	4	1	1	3	2	1					1	1		
1968										15	17	29	94	17	71	45	16	14	11	5	11	16	3	2											
1969											3	20	35	31	82	44	20	13	8	2	12	7	25	14	6	9	5	13	5	1	4	2	1	1	2
1970												5	17	67	71	56	49	29	32	13	12	5	3	1	1	1		3							
1971											15	7	8	76	37	80	50	46	14	6	17	8	1											
1972									1	2	14	86	35	50	26	45	44	29	10	6	12	1		1	1		1	1				1			
1973					3							17	10	30	46	52	57	35	11	5	18	17	12	12	7	6	12	7	6			1	1		
1974				3	4	26	9	10	8	10	16	15	88	68	14	17	27	28	7	2	5	2	2	1			1	1				1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	2.9	605	3808	86.9	24	25	21	116	2.6
1	0.30	3	4383	100.0	13	3.5	635	3203	73.1	25	30	20	95	2.1
2	0.50	7	4380	99.9	14	4.2	560	2568	58.6	26	36	22	75	1.7
3	0.60	3	4373	99.8	15	5.0	510	2008	45.8	27	43	25	53	1.2
4	0.70	7	4370	99.7	16	6.0	442	1498	34.2	28	52	11	28	.6
5	0.80	30	4363	99.5	17	7.1	311	1056	24.1	29	62	1	17	.3
6	1.00	15	4333	98.9	18	8.6	178	745	17.0	30	74	4	16	.3
7	1.20	17	4318	98.5	19	10.0	119	567	12.9	31	89	5	12	.2
8	1.40	22	4301	98.1	20	12.0	144	448	10.2	32	110	4	7	.1
9	1.70	49	4279	97.6	21	15.0	83	304	6.9	33	130	1	3	
10	2.00	84	4230	96.5	22	18.0	65	221	5.0	34	150	2	2	
11	2.40	338	4146	94.6	23	21.0	40	156	3.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1964	1.40	3	1.50	3	2.00	6	2.50	8	2.80	9	2.90	7	2.90	5	3.00	5	3.80	6
1965	1.90	7	2.20	8	2.30	8	2.40	6	2.70	7	2.90	8	3.10	6	3.10	6	3.30	4
1966	0.40	1	0.43	1	0.57	1	0.86	2	1.20	2	1.80	2	2.30	2	2.80	3	3.00	1
1967	1.70	5	1.70	4	1.90	5	2.50	9	2.60	5	2.60	5	2.80	4	2.90	4	3.00	2
1968	1.70	6	1.70	5	1.70	3	1.70	3	1.90	3	2.50	3	3.10	7	3.50	7	3.80	7
1969	2.00	8	2.10	7	2.20	7	2.40	7	2.70	6	2.90	6	3.20	8	3.70	8	3.90	8
1970	2.40	10	2.40	10	2.60	10	2.80	10	3.00	10	3.10	10	3.50	9	3.70	9	4.20	10
1971	2.40	11	2.50	11	3.00	11	3.40	11	3.50	11	3.70	11	4.40	11	4.80	11	6.00	11
1972	1.50	4	1.80	6	1.90	4	2.00	4	2.80	8	3.00	9	3.50	10	3.90	10	4.10	9
1973	2.30	9	2.30	9	2.40	9	2.40	5	2.50	4	2.50	4	2.60	3	2.70	2	3.10	3
1974	0.60	2	0.60	2	0.66	2	0.71	1	0.80	1	0.98	1	1.40	1	1.80	1	3.40	5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1963	22.0	10	18.0	10	16.0	10	15.0	9	14.0	7	11.0	8	10.0	6	8.9	7	7.5	8
1964	25.0	8	21.0	8	19.0	8	15.0	10	14.0	8	12.0	4	10.0	7	9.2	6	8.4	5
1965	18.0	12	15.0	11	14.0	11	12.0	12	9.6	12	8.1	12	7.7	12	7.5	12	6.8	11
1966	37.0	7	36.0	7	30.0	7	25.0	4	18.0	4	12.0	5	12.0	3	11.0	3	8.5	4
1967	117.0	4	82.0	3	53.0	3	33.0	3	19.0	3	12.0	6	12.0	4	10.0	4	9.2	3
1968	24.0	9	19.0	9	17.0	9	16.0	8	14.0	9	11.0	9	9.3	9	8.2	10	6.9	10
1969	220.0	1	152.0	1	102.0	1	77.0	1	60.0	1	40.0	1	38.0	1	33.0	1	23.0	1
1970	50.0	6	46.0	6	35.0	6	23.0	6	14.0	10	10.0	10	8.6	11	8.0	11	7.4	9
1971	19.0	11	15.0	12	14.0	12	13.0	11	11.0	11	9.4	11	8.8	10	8.4	8	7.7	7
1972	122.0	2	70.0	4	41.0	4	23.0	7	15.0	6	12.0	7	11.0	5	9.4	5	8.0	6
1973	118.0	3	88.0	2	64.0	2	56.0	2	45.0	2	32.0	2	29.0	2	24.0	2	18.0	2
1974	96.0	5	59.0	5	36.0	5	24.0	5	16.0	5	12.0	3	9.8	8	8.4	9	6.7	12

09417500 MEADOW VALLEY WASH AT EAGLE CANYON, NEAR URSINE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.36	5.14	7.54	8.22	10.1	11.7	12.8	7.57	3.83	3.79	4.99	3.56
1.31	5.58	18.5	44.3	14.2	44.8	197	87.0	1.24	0.78	9.79	1.06
1.14	2.36	4.30	6.65	3.76	6.69	14.0	9.33	1.11	0.88	3.13	1.03
-0.91	-0.52	1.58	3.29	1.87	1.35	2.53	3.33	1.26	1.13	2.17	1.94
0.34	0.46	0.57	0.81	0.37	0.57	1.10	1.23	0.29	0.23	0.63	0.29
4.07	6.22	9.13	9.95	12.2	14.2	15.5	9.17	4.63	4.59	6.05	4.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.87	7.98	2.82	1.99	0.41	-0.277

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.49	0.64	0.82	0.85	0.98	1.01	0.96	0.75	0.57	0.57	0.64	0.54
0.04	0.08	0.05	0.04	0.02	0.05	0.11	0.08	0.01	0.01	0.05	0.01
0.21	0.29	0.23	0.21	0.14	0.22	0.33	0.29	0.12	0.09	0.21	0.11
-2.09	-1.32	0.03	2.68	1.08	0.80	1.33	2.39	0.88	0.68	1.26	1.33
0.43	0.44	0.28	0.24	0.14	0.22	0.35	0.38	0.20	0.17	0.33	0.20
5.56	7.30	9.30	9.63	11.1	11.5	10.9	8.47	6.44	6.44	7.28	6.10

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.81	0.02	0.14	1.65	0.18	-0.335

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	29.0	1966	52.0	1969	700.0	1972	187.0
1964	32.0	1967	362.0	1970	96.0	1973	142.0
1965	40.0	1968	46.0	1971	22.0	1974	165.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.9432	1.9432	
STANDARD DEVIATION	0.4721	0.4721	
SKEW COEFFICIENTS			
STATION	0.5668	0.5668	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	12	12	
PERIOD (YEARS)	12	12	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	9.5	5.3	2.6	1.0	12.6
0.9900	11.1	7.0	4.0	1.6	15.5
0.9500	17.8	14.7	11.4	4.6	28.2
0.9000	23.7	21.8	18.3	8.2	39.2
0.8000	34.6	35.1	32.1	16.0	59.9
0.5000	79.2	87.7	87.7	50.6	152.3
0.2000	209.9	219.0	239.7	128.5	482.5
0.1000	371.2	353.3	420.7	196.2	940.4
0.0400	714.6	588.4	779.9	300.3	1966.0
0.0200	1120.5	817.9	1247.6	391.8	3193.6
0.0100	1710.0	1100.1	1933.0	495.8	4960.5

09418450 MEADOW VALLEY WASH TRIBUTARY NEAR CALIENTE, NV

LOCATION.--Lat 37°36'00", long 114°39'30", in sec.13, T.4 S., R.65 E., Lincoln County, Hydrologic Unit 15010013, at abandoned culvert, about 100 ft (30 m) upstream from U.S. Highway 93 and 8 mi (13 km) west of Caliente.

DRAINAGE AREA.--Less than 0.5 mi^2 (1.3 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	0	1968	1.0	1971	2.0	1974	0
1965	0	1969	0.2	1972	0.5	1975	0.5
1966	0.5	1970	0.2	1973	0	1976	14.0
1967	1.5						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.3434 S	-0.4632 S
STANDARD DEVIATION	0.6299 S	0.8171 S
SKEW COEFFICIENTS		
STATION	1.1679	1.1679
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6923	0.6923
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.3	0.3	0.3	0.1	0.9
0.2000	1.3	1.7	1.9	0.7	6.1
0.1000	3.2	3.8	5.1	1.4	18.9
0.0400	9.3	9.3	14.5	3.0	66.0
0.0200	20.1	16.4	31.8	4.8	150.0
0.0100	42.4	27.4	67.8	7.2	316.2

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV

LOCATION.--Lat 37°33'20", long 114°33'50", in NE¼ sec.35, T.4 S., R.66 E., Lincoln County, Hydrologic Unit 15010013, on right bank 0.5 mi (0.8 km) east of Etna, 4.5 mi (7.2 km) southwest of Caliente, and 6 mi (10 km) downstream from Clover Creek.

DRAINAGE AREA.--1,670 mi^2 (4,325 km^2).

REMARKS.--Several diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952									1	11	23	41	59	33	37	27	20	12	29	8	12	11	13	5		5	1	5	4	5	1	2	1		
1953								3	9	42	23	36	59	34	34	25	20	17	39	15	4	3	2												
1954							10	30	24	34	40	12	31	42	40	12	20	12	16	19	12	6	2	1	2										
1955								6	7	6	73	38	46	28	23	26	34	17	10	11	8	7	5	4	2	5	4	2	3						
1956									10	73	36	32	21	38	14	16	10	42	37	14	5	15		2					1						
1957										29	98	40	36	52	15	7	20	27	17	12	6	6													
1958								6	4	50	85	25	8	2	3	6	23	51	49	15	14	8	7	2	1	4	2								
1959									18	93	63	24	31	14	12	21	27	20	22	10	4	5	1												
1960								19	19	93	40	29	59	19	14	13	2	19	19	13	3	4	1												
1966	3	1					11	51	42	60	26	25	40	20	17	7	11	10	16	12	10		2			1									
1967								11	37	51	68	20	30	34	34	25	9	19	8	8	3	1	2	2		1	1		1						
1968								8	22	53	57	41	27	66	26	16	10	11	11	8	3	3				2	1			1					
1969							6		10	8	61	64	38	25	17	10	1	11	23	29	12	7	9	5	8	2	2	4	2	6	5				
1970						6	11	7	5	25	22	37	48	35	35	47	29	30	17	6	3				1					1					
1971								15	17	11	25	41	67	64	52	34	20	6	5	3	1	2	1	1											
1972					6	9	13	13	25	58	57	70	42	18	23	17	8	3		1	1	1		1											
1973								1	14	55	29	32	31	30	24	31	36	28	13	2	6	5	9	5	10	3	1								
1974									3	73	69	30	49	26	44	31	14	13	6	1	2	2		1	1										
1975								7	12	31	38	71	76	52	38	24	3	5	2	1	1	1		1	1		1								
1976							2	20	20	49	65	61	48	31	48	7	3	3	1	1			1	1	4	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3	7306	100.0	12	3.4	846	4060	55.6	24	89	30	111	1.5
1	0.10	1	7303	100.0	13	4.5	663	3214	44.0	25	120	24	81	1.1
2	0.20	0	7302	99.9	14	5.9	550	2551	34.9	26	150	13	57	.7
3	0.30	0	7302	99.9	15	7.7	402	2001	27.4	27	200	11	44	.6
4	0.40	6	7302	99.9	16	10.0	320	1599	21.9	28	260	11	33	.4
5	0.50	15	7296	99.9	17	13.0	356	1279	17.5	29	340	13	22	.3
6	0.70	53	7281	99.7	18	17.0	340	923	12.6	30	450	6	9	.1
7	0.90	197	7228	98.9	19	23.0	189	583	8.0	31	590	2	3	
8	1.20	299	7031	96.2	20	30.0	110	394	5.4	32	780	1	1	
9	1.50	905	6732	92.1	21	39.0	87	284	3.9	33				
10	2.00	998	5827	79.8	22	51.0	55	197	2.7	34				
11	2.60	769	4829	66.1	23	67.0	31	142	1.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1952	0.60	4	0.73	5	1.00	8	1.20	9	1.40	5	1.40	2	1.60	1	1.70	3	2.10	3
1953	2.00	20	2.10	20	2.30	20	2.60	20	3.00	20	3.30	20	3.40	20	3.90	19	4.40	13
1954	1.10	12	1.10	12	1.10	12	1.10	7	1.40	6	1.60	7	2.50	12	3.60	16	3.90	11
1955	0.70	5	0.70	4	0.74	4	0.94	4	1.70	13	2.30	17	3.10	18	3.50	14	4.70	14
1956	1.90	19	2.00	19	2.00	19	2.00	19	2.20	18	2.50	18	2.70	16	4.10	20	10.00	20
1957	1.20	13	1.20	13	1.30	13	1.40	10	1.70	14	1.80	10	2.20	11	2.70	10	5.00	16
1958	1.60	18	1.60	18	1.60	18	1.70	18	1.90	16	1.90	11	2.00	9	2.10	8	3.40	9
1959	1.00	9	1.00	9	1.00	9	1.50	14	1.70	15	2.00	12	2.00	10	2.00	7	2.30	6
1960	1.40	17	1.40	17	1.40	16	1.50	15	1.50	11	1.60	8	1.70	6	1.70	4	2.10	4
1966	1.30	14	1.30	14	1.30	14	1.40	11	1.40	7	1.50	4	1.60	2	1.60	1	1.80	1
1967	0.00	1	0.00	1	0.70	3	0.80	3	0.87	2	1.40	3	1.60	3	1.70	2	1.90	2
1968	1.00	10	1.00	10	1.00	10	1.40	12	2.00	17	2.20	14	2.60	13	3.60	17	5.40	17
1969	1.10	11	1.10	11	1.10	11	1.10	5	1.40	8	1.60	5	1.80	7	2.30	9	7.50	19
1970	0.70	6	0.74	6	0.95	5	1.70	16	2.30	19	2.90	19	3.40	19	3.50	15	4.10	12
1971	0.51	3	0.56	3	0.64	2	0.78	2	1.50	9	1.80	9	2.00	8	3.30	13	5.70	18
1972	0.95	8	0.98	7	1.00	6	1.10	6	1.20	3	2.20	15	2.60	14	3.70	18	4.80	15
1973	0.40	2	0.40	2	0.43	1	0.53	1	0.81	1	0.95	1	1.60	4	1.80	5	2.30	7
1974	1.40	15	1.40	15	1.40	15	1.40	13	1.50	10	1.60	6	1.70	5	1.80	6	2.20	5
1975	1.40	16	1.40	16	1.60	17	1.70	17	1.70	12	2.30	16	3.10	17	3.00	12	3.20	8
1976	0.94	7	0.99	8	1.00	7	1.20	8	1.40	4	2.00	13	2.70	15	2.90	11	3.90	10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1952	797.0 1	612.0 1	479.0 2	356.0 1	206.0 2	145.0 1	106.0 2	88.0 2	62.0 1
1953	64.0 17	47.0 17	35.0 18	30.0 14	21.0 16	20.0 11	18.0 10	16.0 9	13.0 7
1954	117.0 13	62.0 14	42.0 15	37.0 9	31.0 7	22.0 9	19.0 8	17.0 7	13.0 8
1955	333.0 5	270.0 3	231.0 3	167.0 3	100.0 3	58.0 3	42.0 3	34.0 3	27.0 3
1956	293.0 6	112.0 9	51.0 10	37.0 10	28.0 11	26.0 6	23.0 6	21.0 6	15.0 6
1957	47.0 20	46.0 19	43.0 12	35.0 11	29.0 8	23.0 7	19.0 7	15.0 10	12.0 9
1958	175.0 9	146.0 6	114.0 4	64.0 6	45.0 5	44.0 4	37.0 5	31.0 5	25.0 4
1959	61.0 19	47.0 18	42.0 13	32.0 12	26.0 12	22.0 8	18.0 9	16.0 8	12.0 10
1960	64.0 18	51.0 15	34.0 19	30.0 13	23.0 14	21.0 10	17.0 11	14.0 11	11.0 11
1966	124.0 12	70.0 12	35.0 16	28.0 16	26.0 13	19.0 12	17.0 12	14.0 12	10.0 15
1967	264.0 7	173.0 5	92.0 7	51.0 7	28.0 9	17.0 14	17.0 13	14.0 13	11.0 12
1968	349.0 4	133.0 7	80.0 8	66.0 5	36.0 6	19.0 13	13.0 14	10.0 16	10.0 13
1969	580.0 2	541.0 2	494.0 1	343.0 2	209.0 1	120.0 2	110.0 1	89.0 1	61.0 2
1970	442.0 3	187.0 4	94.0 6	50.0 8	28.0 10	15.0 15	13.0 15	12.0 14	10.0 14
1971	74.0 15	47.0 16	35.0 17	25.0 19	16.0 19	9.7 19	8.1 18	7.6 18	6.9 18
1972	70.0 16	32.0 20	20.0 20	12.0 20	9.3 20	8.5 20	7.2 20	6.3 20	5.1 20
1973	179.0 8	124.0 8	106.0 5	80.0 4	67.0 4	41.0 5	38.0 4	32.0 4	23.0 5
1974	100.0 14	67.0 13	42.0 14	28.0 17	21.0 15	15.0 16	12.0 16	11.0 15	8.6 16
1975	172.0 10	104.0 11	50.0 11	25.0 18	18.0 17	11.0 18	7.9 19	7.0 19	6.9 19
1976	146.0 11	105.0 10	55.0 9	29.0 15	18.0 18	12.0 17	10.0 17	8.5 17	7.1 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.10	5.08	10.3	14.7	18.6	26.7	20.7	4.84	3.28	4.04	8.27	3.22
5.65	7.26	65.1	277	70.2	1812	1489	10.8	4.30	11.6	116	6.69
2.38	2.69	8.07	16.6	8.38	42.6	38.6	3.29	2.07	3.41	10.8	2.59
3.65	1.30	1.27	3.56	0.08	3.08	2.82	1.68	3.26	1.80	2.32	2.30
0.77	0.53	0.78	1.13	0.45	1.60	1.87	0.68	0.63	0.85	1.31	0.80
2.52	4.14	8.40	12.0	15.1	21.7	16.8	3.94	2.67	3.29	6.73	2.63

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.7	66.3	8.14	2.14	0.76	-0.088

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.43	0.65	0.90	1.03	1.22	1.15	0.91	0.61	0.47	0.49	0.66	0.42
0.04	0.05	0.10	0.11	0.06	0.19	0.27	0.06	0.04	0.09	0.21	0.07
0.21	0.22	0.32	0.32	0.24	0.44	0.52	0.25	0.19	0.31	0.46	0.26
1.65	0.15	0.31	0.78	-0.93	1.17	1.48	0.64	1.47	0.62	0.61	1.17
0.49	0.34	0.35	0.32	0.20	0.38	0.57	0.41	0.41	0.62	0.70	0.61
4.79	7.31	10.1	11.5	13.6	12.9	10.2	6.82	5.22	5.50	7.40	4.72

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.95	0.06	0.25	1.11	0.26	0.004

09418500 MEADOW VALLEY WASH NEAR CALIENTE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1951	50.0	1957	117.0	1966	547.0	1972	1230.0
1952	1000.0	1958	249.0	1967	680.0	1973	1000.0
1953	110.0	1959	75.0	1968	1150.0	1974	734.0
1954	825.0	1960	98.0	1969	865.0	1975	756.0
1955	785.0	1963	270.0	1970	1200.0	1976	324.0
1956	1500.0	1965	168.0	1971	496.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.6262	2.6262	
STANDARD DEVIATION	0.4457	0.4457	
SKEW COEFFICIENTS			
STATION	-0.7179	-0.7179	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	23	23	
PERIOD (YEARS)	23	23	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	15.2	30.1	22.0	11.5	55.6
0.9900	23.0	38.8	30.4	16.0	68.8
0.9500	65.2	78.2	69.8	39.4	124.4
0.9000	107.6	113.5	104.2	63.0	172.2
0.8000	188.3	178.3	170.7	109.7	258.7
0.5000	477.6	422.9	422.9	294.0	608.1
0.2000	1018.9	1003.0	1047.6	691.1	1630.1
0.1000	1420.0	1575.4	1716.0	1038.6	2838.9
0.0400	1933.9	2549.7	2926.5	1577.6	5214.6
0.0200	2306.5	3479.8	4249.0	2054.7	7767.8
0.0100	2662.8	4603.1	5888.3	2599.2	11146.3

09418990 WEISER WASH NEAR GLENDALE, NV

LOCATION.--Lat 36°40'05", long 114°32'10", in SW¼SE¼ sec.31, T.14 S., R.67 E., Clark County, Hydrologic Unit 15010012, at culvert on Interstate Highway 15, 2 mi (3 km) east of Glendale.

DRAINAGE AREA.--43 mi^2 (111 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	300.0	1969	0	1972	584.0	1975	25.0
1967	100.0	1970	0	1973	150.0	1976	0
1968	2.0	1971	0	1974	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.0667 S	0.4909 S
STANDARD DEVIATION	2.1983 S	1.3754 S
SKEW COEFFICIENTS		
STATION	-1.1856	-1.1856
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5455	0.5455
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER . UPPER
0.9950	0.0	0.0	0.0	0.0 . 0.0
0.9900	0.0	0.0	0.0	0.0 . 0.0
0.9500	0.0	0.0	0.0	0.0 . 0.0
0.9000	0.0	0.0	0.0	0.0 . 0.0
0.8000	0.0	0.0	0.0	0.0 . 0.0
0.5000	3.1	3.1	3.1	0.6 . 16.8
0.2000	83.7	44.5	59.4	8.8 . 516.4
0.1000	289.1	179.3	312.3	30.2 . 3785.3
0.0400	792.0	792.0	1958.9	103.7 . 34290.4
0.0200	1307.4	2068.1	8062.3	223.8 .146261.4
0.0100	1881.2	4903.4	29258.9	441.6 .545832.2

09419000 MUDDY RIVER NEAR GLENDALE, NV

LOCATION.--Lat 36°38'35", long 114°32'20", in SW¼ sec.7, T.15 S., R.67 E., Clark County, Hydrologic Unit 15010012, on left bank at the Narrows, 150 ft (50 m) downstream from Weiser Wash, 2 mi (3 km) southeast of Glendale, 2.4 mi (3.9 km) downstream from Meadow Valley Wash, and 4.5 mi (7.2 km) northwest of Logandale.

DRAINAGE AREA.--6,780 mi^2 (17,600 km^2), approximately, of which about 3,000 mi^2 (7,800 km^2) contributes directly to surface runoff.

REMARKS.--Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951					1	5	9	10	21	24	75	1	1	1						1															
1952						5	3	8	1	8	8	6	3	1	4	2	2		2	3	3		2		1	1			1						
1953						1	5	1	2	3	1	0	0	6	2	3	1																		
1954					2	1	6	4	8	6	8	9	1	2	2	1																			
1955						9	3	7	8	0	8	0	6	2	6	5	3	2	4	1	2		2		1	1	2				1				
1956						3	7	7	7	5	5	9	3	7	4	1	1		1																
1957						1	2	1	9	3	1	1	7	1	2	1										1									
1958			1	8	5	7	4	6	3	6	8	0	3	6	1	5	4		1	2			2												
1959			1	4	2	5	3	0	8	8	8	5	9	7	3	0	2	3																	
1960			3	4	8	4	6	3	2	3	1	3	9	2	6	9	4	1																	
1961				4	4	1	3	9	5	9	4	7	6	9	8	3	1	1	2																2
1962				1	0	5	9	5	7	4	3	6	1	7	0	6	0	1																	
1963			4	1	6	5	4	6	0	1	1	6	4	5	4	1																			
1964			6	2	3	6	1	5	2	8	4	9	3	4	5	1																			
1965					2	2	7	9	6	5	1	1	1	2	7	4	1	1																	
1966				8	5	8	3	4	5	5	8	9	5	8	5	6		1			1														
1967		4	2	8	4	9	6	3	1	0	4	7	4	7	2	3	1		1		2	1				1							1		
1968				3	4	7	6	2	7	4	7	2	1	0	0	5			1			1	1												
1969				3	2	9	6	6	9	1	9	7	4	6	6	2	1	1	2	1	1	4	2	2	1	1	1	1							
1970					8	6	7	1	1	4	1	2	3	4	3	2	2	2		1	1	1					1								
1971				1	0	3	8	5	4	9	2	1	2	6	3	2		1				1													
1972					6	4	7	1	0	3	1	0	4	7	9	1	1	4	3	3	1	2	2								1				
1973		1	2	8	6	4	3	6	2	6	2	3	8	5	4	9	2	0	7	9	4	5	2	3		1		1		1					
1974			1	1	3	9	0	4	8	1	2	3	7	0	1	9	1																		
1975					7	6	8	8	0	7	8	1	0	7	1	8	2	1	1																
1976				1	4	8	8	9	1	1	9	7	9	8	7	3	3	7	3	3	2	2	2	2		1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9497	100.0	12	79.0	23	171	1.8	24	340	3	16	.1
1	21.00	5	9497	100.0	13	89.0	20	148	1.6	25	380	2	13	.1
2	24.00	54	9492	99.9	14	100.0	22	128	1.3	26	430	2	11	.1
3	27.00	286	9438	99.4	15	110.0	20	106	1.1	27	480	3	9	
4	30.00	928	9152	96.4	16	130.0	8	86	0.9	28	540	1	6	
5	34.00	1434	8224	86.6	17	140.0	11	78	0.8	29	610	1	5	
6	38.00	2148	6790	71.5	18	160.0	10	67	0.7	30	690	1	4	
7	43.00	2218	4642	48.9	19	180.0	11	57	0.6	31	780	1	3	
8	49.00	1518	2424	25.5	20	210.0	6	46	0.5	32	880		2	
9	55.00	596	906	9.5	21	230.0	14	40	0.4	33	990		2	
10	62.00	96	310	3.3	22	260.0	5	26	0.3	34	1100	2	2	
11	70.00	43	214	2.3	23	300.0	5	21	0.2					

09419000 MUDDY RIVER NEAR GLENDALE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1951	30.00 17	32.00 22	32.00 19	34.00 22	36.00 23	37.00 24	38.00 22	38.00 19	39.00 15
1952	33.00 23	34.00 23	34.00 23	35.00 23	36.00 24	36.00 19	37.00 18	38.00 20	40.00 18
1953	34.00 24	34.00 24	34.00 24	35.00 24	35.00 22	36.00 20	37.00 19	38.00 21	40.00 19
1954	35.00 25	36.00 25	36.00 25	37.00 25	38.00 25	39.00 25	39.00 23	40.00 24	40.00 20
1955	31.00 20	31.00 18	32.00 20	33.00 19	34.00 19	35.00 16	36.00 16	37.00 14	39.00 16
1956	31.00 21	31.00 19	32.00 21	33.00 20	34.00 20	36.00 21	39.00 24	40.00 25	47.00 26
1957	30.00 18	30.00 16	31.00 17	32.00 16	33.00 16	34.00 12	35.00 12	36.00 13	37.00 9
1958	37.00 26	37.00 26	38.00 26	38.00 26	39.00 26	39.00 26	41.00 26	42.00 26	46.00 25
1959	26.00 7	29.00 11	30.00 10	30.00 10	31.00 9	32.00 9	33.00 8	33.00 5	36.00 6
1960	26.00 8	28.00 7	30.00 11	32.00 17	34.00 17	36.00 22	39.00 25	38.00 15	40.00 17
1961	26.00 9	26.00 3	27.00 5	27.00 2	28.00 3	29.00 2	30.00 2	31.00 2	36.00 7
1962	28.00 12	29.00 12	30.00 12	31.00 15	32.00 11	35.00 17	37.00 17	39.00 22	42.00 22
1963	28.00 13	29.00 13	30.00 13	30.00 11	32.00 12	32.00 10	33.00 9	33.00 6	35.00 3
1964	24.00 3	26.00 4	26.00 3	29.00 7	30.00 4	31.00 5	33.00 10	34.00 10	36.00 4
1965	25.00 4	26.00 5	27.00 4	28.00 5	30.00 5	31.00 6	32.00 5	33.00 7	36.00 5
1966	31.00 19	32.00 20	32.00 18	33.00 18	34.00 18	34.00 13	35.00 11	35.00 11	38.00 10
1967	21.00 1	22.00 1	23.00 1	27.00 3	27.00 2	29.00 3	31.00 3	32.00 3	38.00 11
1968	28.00 14	29.00 14	30.00 14	31.00 12	32.00 13	35.00 14	36.00 13	36.00 12	43.00 23
1969	29.00 16	30.00 17	30.00 15	31.00 13	33.00 14	35.00 15	36.00 14	38.00 16	39.00 12
1970	28.00 15	29.00 15	30.00 16	31.00 14	33.00 15	36.00 18	38.00 20	38.00 17	39.00 13
1971	32.00 22	32.00 21	33.00 22	34.00 21	35.00 21	37.00 23	38.00 21	40.00 23	44.00 24
1972	27.00 10	28.00 8	29.00 7	29.00 6	30.00 6	32.00 7	36.00 15	38.00 18	39.00 14
1973	26.00 5	28.00 9	29.00 8	30.00 8	31.00 10	33.00 11	33.00 6	34.00 8	41.00 21
1974	23.00 2	24.00 2	24.00 2	25.00 1	26.00 1	27.00 1	27.00 1	28.00 1	31.00 1
1975	26.00 6	27.00 6	28.00 6	28.00 4	30.00 7	31.00 4	32.00 4	32.00 4	34.00 2
1976	28.00 11	29.00 10	30.00 9	30.00 9	31.00 8	32.00 8	33.00 7	34.00 9	37.00 8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1951	180.0 16	102.0 18	72.0 18	58.0 19	54.0 19	50.0 21	49.0 20	49.0 17	49.0 14
1952	528.0 6	398.0 3	285.0 2	206.0 2	134.0 2	99.0 2	84.0 3	77.0 3	67.0 3
1953	64.0 25	58.0 25	58.0 20	58.0 20	57.0 16	57.0 11	55.0 10	54.0 10	51.0 10
1954	83.0 23	63.0 23	58.0 21	55.0 23	54.0 20	53.0 17	52.0 14	51.0 14	49.0 15
1955	602.0 5	408.0 2	216.0 4	166.0 4	118.0 3	80.0 4	66.0 4	62.0 4	60.0 4
1956	140.0 19	81.0 19	58.0 22	56.0 21	55.0 18	54.0 14	53.0 11	52.0 11	49.0 16
1957	427.0 9	202.0 9	120.0 9	80.0 11	62.0 11	59.0 7	57.0 8	55.0 8	52.0 9
1958	288.0 10	165.0 12	99.0 12	90.0 7	71.0 6	65.0 5	63.0 5	59.0 5	58.0 5
1959	77.0 24	70.0 21	57.0 23	56.0 22	56.0 17	53.0 15	52.0 15	52.0 12	50.0 11
1960	104.0 22	78.0 20	67.0 19	62.0 15	59.0 12	58.0 9	57.0 9	55.0 9	54.0 6
1961	2990.0 1	1540.0 1	708.0 1	363.0 1	210.0 1	134.0 1	109.0 1	95.0 1	80.0 1
1962	229.0 15	173.0 11	113.0 11	83.0 10	68.0 8	59.0 8	58.0 7	57.0 6	53.0 8
1963	125.0 20	64.0 22	52.0 26	52.0 24	50.0 24	49.0 22	48.0 21	46.0 23	44.0 24
1964	111.0 21	60.0 24	53.0 25	52.0 25	51.0 22	48.0 23	48.0 22	47.0 22	45.0 22
1965	150.0 18	120.0 14	84.0 15	69.0 14	59.0 13	53.0 16	53.0 12	51.0 13	50.0 12
1966	700.0 3	283.0 6	144.0 6	87.0 8	58.0 15	52.0 18	51.0 16	49.0 18	46.0 19
1967	834.0 2	358.0 5	184.0 5	108.0 5	78.0 5	56.0 12	52.0 13	50.0 15	47.0 17
1968	253.0 11	142.0 13	86.0 14	59.0 17	51.0 23	51.0 19	51.0 17	50.0 16	49.0 13
1969	484.0 7	379.0 4	266.0 3	177.0 3	113.0 4	96.0 3	97.0 2	85.0 2	71.0 2
1970	448.0 8	235.0 8	123.0 8	96.0 6	69.0 7	57.0 10	50.0 18	48.0 19	46.0 18
1971	251.0 12	109.0 17	76.0 16	61.0 16	53.0 21	47.0 25	47.0 23	47.0 20	45.0 20
1972	660.0 4	267.0 7	136.0 7	83.0 9	64.0 10	54.0 13	47.0 24	45.0 24	43.0 25
1973	241.0 13	179.0 10	119.0 10	79.0 12	66.0 9	62.0 6	60.0 6	57.0 7	54.0 7
1974	56.0 26	54.0 26	54.0 24	52.0 26	49.0 25	47.0 26	46.0 25	45.0 25	43.0 26
1975	236.0 14	112.0 16	75.0 17	58.0 18	48.0 26	48.0 24	46.0 26	45.0 26	44.0 23
1976	151.0 17	114.0 15	90.0 13	72.0 13	59.0 14	51.0 20	49.0 19	47.0 21	45.0 21

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
41.5	51.9	50.0	52.6	52.0	51.6	49.4	40.9	36.3	36.3	41.5	41.2
38.6	1048	16.3	102	73.7	221	191	11.7	15.5	28.8	298	108
6.22	32.4	4.04	10.1	8.58	14.9	13.8	3.42	3.94	5.36	17.2	10.4
2.28	4.95	0.33	3.87	1.17	3.08	2.57	0.38	1.83	0.65	3.36	2.07
0.15	0.62	0.08	0.19	0.17	0.29	0.28	0.08	0.11	0.15	0.42	0.25
7.61	9.53	9.17	9.65	9.53	9.47	9.07	7.50	6.65	6.67	7.61	7.55

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
45.4	27.2	5.22	1.46	0.11	0.051

09419000 MUDDY RIVER NEAR GLENDALE, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.61	1.68	1.70	1.72	1.71	1.70	1.68	1.61	1.56	1.56	1.60	1.60
0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02	0.01
0.06	0.14	0.03	0.07	0.07	0.10	0.10	0.04	0.04	0.06	0.13	0.09
1.92	4.39	0.20	3.02	0.65	2.20	1.92	0.32	1.27	0.26	2.10	1.25
0.04	0.08	0.02	0.04	0.04	0.06	0.06	0.02	0.03	0.04	0.08	0.06
8.18	8.53	8.61	8.70	8.67	8.62	8.53	8.16	7.90	7.89	8.09	8.13

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.65	0.00	0.05	1.22	0.03	0.093

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1951	879.0	1958	870.0	1965	546.0	1971	524.0
1952	621.0	1959	130.0	1966	1110.0	1972	1860.0
1953	205.0	1960	136.0	1967	1200.0	1973	616.0
1954	351.0	1961	7380.0	1968	1880.0	1974	113.0
1955	1460.0	1962	534.0	1969	1190.0	1975	489.0
1956	398.0	1963	439.0	1970	1220.0	1976	282.0
1957	986.0	1964	267.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7874	2.7874
STANDARD DEVIATION	0.4108	0.4108
SKEW COEFFICIENTS		
STATION	0.2827	0.2827
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0038 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	26	26
PERIOD (YEARS)	26	26

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	68.9	53.8	41.4	23.8	92.0
0.9900	82.8	68.1	55.5	32.1	112.1
0.9500	140.0	129.5	118.1	72.2	194.2
0.9000	188.3	182.4	170.2	110.4	262.4
0.8000	273.7	276.4	266.8	182.5	382.3
0.5000	586.2	612.6	612.6	447.6	838.3
0.2000	1337.6	1358.6	1407.5	982.3	2058.1
0.1000	2112.3	2060.9	2209.9	1432.8	3405.4
0.0400	3507.3	3214.8	3600.2	2113.2	5911.6
0.0200	4920.6	4285.0	5055.0	2703.1	8485.3
0.0100	6722.3	5549.4	6816.9	3365.7	11773.3

09419610 LEE CANYON NEAR CHARLESTON PARK, NV

LOCATION.--Lat 36°20'25", long 115°39'00", in NE¼ sec.35, T.18 S., R.56 E., Clark County, Hydrologic Unit 15010015, in Toiyabe National Forest, on right bank 50 ft (15 m) above bridge on Deer Creek Springs road, just south of junction with State Highway 52, and 5.5 mi (8.8 km) north of Charleston Park.

DRAINAGE AREA.--9.20 mi^2 (23.83 km^2).

REMARKS.--No flow exists in this channel except at times of heavy rainfall or rapid snowmelt. Discharge measurements or observations of no flow are generally made once a month.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1964	365															1																			
1965	364									1																									
1966	364																			1															
1967	357										1					1		1				1	1		1					2					
1968	364								1	1																									
1969	362																			1			1				1								
1970	363	1		1																															
1971	361									2		1					1																		
1972	366																																		
1973	364															1																			
1974	364																										1								
1975	365																																		
1976	362										1					1		1				1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4721	4749	100.0	12	0.5	0	18	0.4	24	8	1	5	.1
1	0.01	1	28	0.6	13	0.6	0	18	0.4	25	11		4	
2	0.02	0	27	0.6	14	0.8	0	18	0.4	26	14		4	
3	0.03	1	27	0.6	15	1.0	4	18	0.4	27	18	2	4	
4	0.04	0	26	0.5	16	1.3	1	14	0.3	28	24		2	
5	0.05	0	26	0.5	17	1.6	2	13	0.3	29	30	2	2	
6	0.06	0	26	0.5	18	2.1	0	11	0.2	30				
7	0.08	0	26	0.5	19	2.6	2	11	0.2	31				
8	0.10	1	26	0.5	20	3.4	0	9	0.2	32				
9	0.20	4	25	0.5	21	4.3	2	9	0.2	33				
10	0.30	2	21	0.4	22	5.5	2	7	0.1	34				
11	0.40	1	19	0.4	23	7.0	0	5	0.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1965	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1966	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1967	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1968	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1969	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
1970	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6
1971	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7
1972	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8
1973	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9
1974	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10
1975	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11
1976	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12

09419610 LEE CANYON NEAR CHARLESTON PARK, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1964	1.0	8	0.3	8	0.1	8	0.1	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8
1965	0.2	9	0.1	9	0.0	10	0.0	10	0.0	9	0.0	13	0.0	9	0.0	9	0.0	9
1966	3.0	5	1.0	5	0.4	5	0.2	5	0.1	5	0.1	5	0.0	5	0.0	5	0.0	5
1967	60.0	1	22.0	1	9.4	1	4.4	1	2.2	1	1.1	1	0.7	1	0.6	1	0.4	1
1968	0.2	10	0.1	10	0.0	9	0.0	9	0.0	10	0.0	9	0.0	10	0.0	10	0.0	10
1969	19.0	3	6.3	3	2.7	3	1.6	2	0.8	2	0.5	2	0.3	2	0.2	2	0.2	2
1970	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	10	0.0	11	0.0	11	0.0	11
1971	1.3	6	0.4	6	0.3	6	0.1	6	0.1	6	0.0	6	0.0	6	0.0	6	0.0	6
1972	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	11	0.0	12	0.0	12	0.0	12
1973	1.2	7	0.4	7	0.2	7	0.1	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7
1974	22.0	2	7.3	2	3.1	2	1.5	3	0.7	3	0.4	3	0.2	3	0.2	3	0.1	3
1975	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	12	0.0	13	0.0	13	0.0	13
1976	5.3	4	1.8	4	0.8	4	0.4	4	0.2	4	0.1	4	0.1	4	0.1	4	0.1	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.01	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.04	0.05
0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01	0.01
0.00	0.03	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.08	0.10
*****	3.61	3.61	*****	*****	3.61	*****	*****	*****	1.63	2.08	2.31
*****	3.61	3.61	*****	*****	3.61	*****	*****	*****	1.84	1.84	2.17
0.00	1.71	36.5	0.00	0.00	0.17	0.00	0.00	0.00	41.2	9.89	10.5

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.04	0.01	0.09	3.15	2.27	-0.182

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
*****	-0.08	0.03	*****	*****	-0.15	*****	*****	*****	-0.43	-0.64	-0.17
*****	0.08	0.01	*****	*****	0.31	*****	*****	*****	0.63	0.79	0.12
*****	0.28	0.09	*****	*****	0.56	*****	*****	*****	0.79	0.89	0.35
*****	-3.61	3.61	*****	*****	-3.61	*****	*****	*****	-1.77	-1.51	-1.86
*****	-3.61	3.61	*****	*****	-3.61	*****	*****	*****	-1.84	-1.40	-2.01
*****	5.32	-1.74	*****	*****	10.7	*****	*****	*****	29.7	44.1	11.9

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.86	1.56	1.25	0.07	-0.67	-0.160

09419610 LEE CANYON NEAR CHARLESTON PARK, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	119.0	1965	10.0	1969	880.0	1973	25.0
1962	1.0	1966	56.0	1970	1.0	1974	790.0
1963	30.0	1967	560.0	1971	30.0	1975	0
1964	29.0	1968	10.0	1972	0	1976	127.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.4242 S	1.4635 S
STANDARD DEVIATION	1.0032 S	0.9329 S
SKEW COEFFICIENTS		
STATION	-0.2353	-0.2353
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8750	0.8750
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	3.9	4.8	0.0	1.3	12.0
0.5000	29.1	29.1	29.1	11.5	73.4
0.2000	189.6	177.3	202.3	70.5	638.1
0.1000	480.8	456.0	590.2	163.7	2192.6
0.0400	1249.3	1249.3	1875.9	385.4	8533.2
0.0200	2269.1	2395.4	4248.0	660.4	20832.3
0.0100	3830.2	4302.1	9855.6	1064.8	46807.7

09419620 MORMON WELLS WASH NEAR LAS VEGAS, NV

LOCATION.--Lat 36°26'45", long 115°15'10", in NE¼SW¼ sec.27, T.17 S., R.60 E., Clark County, Hydrologic Unit 15010015, above Mormon Wells Road crossing, 6 mi (10 km) east of Corn Creek Springs National Fish and Wildlife Service Headquarters, and 20 mi (32 km) north of Las Vegas.

DRAINAGE AREA.--115 mi^2 (298 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	3.0	1970	0	1974	20.0
1963	2.0	1967	150.0	1971	10.0	1975	35.0
1964	25.0	1968	100.0	1972	80.0	1976	36.0
1965	350.0	1969	25.0	1973	20.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.3285 S	1.3570 S	
STANDARD DEVIATION	0.6847 S	0.6336 S	
SKEW COEFFICIENTS			
STATION	-0.2501	-0.2501	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.8667	0.8667	
NUMBER OF PEAKS	13	13	
PERIOD (YEARS)	15	15	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	5.8	6.7	0.0	2.7	12.7
0.5000	22.8	22.8	22.8	11.9	43.7
0.2000	81.6	77.7	85.5	40.7	192.6
0.1000	153.3	147.6	177.9	72.1	450.5
0.0400	292.6	292.6	392.3	128.7	1148.6
0.0200	437.8	455.3	693.8	185.2	2124.6
0.0100	623.1	677.7	1242.6	255.8	3711.7

09419623 DEER CREEK NEAR CHARLESTON PARK, NV

LOCATION.--Lat 36°18'45", long 115°37'10", in NE¼SE¼ sec.7, T.19 S., R.57 E., Clark County, Hydrologic Unit 15010015, 200 ft (60 m) upstream from Deer Creek Springs Road, 4.0 mi (6.4 km) northeast of Charleston Park.

DRAINAGE AREA.--1.27 mi^2 (3.29 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	50.0	1970	15.0	1973	3.0	1975	0.1
1968	25.0	1971	0.5	1974	8.0	1976	4.0
1969	40.0	1972	0.3				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.6033	0.6033
STANDARD DEVIATION	0.9381	0.9381
SKEW COEFFICIENTS		
STATION	-0.5492	-0.5492
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.0	0.0	0.0	0.0	0.1
0.9500	0.1	0.1	0.1	0.0	0.5
0.9000	0.2	0.3	0.2	0.0	0.9
0.8000	0.7	0.7	0.5	0.1	2.1
0.5000	4.9	4.0	4.0	1.2	13.6
0.2000	25.5	24.7	30.7	7.8	148.9
0.1000	54.6	63.9	97.0	18.0	603.3
0.0400	113.7	176.0	354.1	41.6	2841.8
0.0200	175.5	338.8	946.4	69.9	7886.1
0.0100	252.7	610.5	2483.5	110.7	19924.4

LAS VEGAS VALLEY

09419630 TELEPHONE CANYON NEAR CHARLESTON PARK, NV

LOCATION.--Lat 36°16'20", long 115°32'30", in SE¼NW¼ sec.25, T.19 S., R.57 E., Clark County, Hydrologic Unit 15010015, at culvert on State Highway 39, 5.8 mi (9.3 km) east of Charleston Park.

DRAINAGE AREA.--7.20 mi^2 (18.6 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	1.0	1966	3.0	1970	1.0	1974	14.0
1963	1.0	1967	2500.0	1971	20.0	1975	2.0
1964	0	1968	50.0	1972	0	1976	13.0
1965	5.0	1969	20.0	1973	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	0.7084 S	0.4750 S	
STANDARD DEVIATION	0.9938 S	1.3479 S	
SKEW COEFFICIENTS			
STATION	1.4644	1.4644	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.8000	0.8000	
NUMBER OF PEAKS	12	12	
PERIOD (YEARS)	15	15	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.8	0.2	0.0	0.0	0.9
0.5000	3.0	3.0	3.0	0.7	11.9
0.2000	25.1	40.7	49.9	10.3	280.9
0.1000	108.3	159.4	237.2	34.8	1711.5
0.0400	683.6	683.6	1275.4	119.2	12535.4
0.0200	2639.7	1750.9	4289.1	258.5	46379.7
0.0100	9942.5	4080.4	14818.5	513.3	151976.3

09419640 KYLE CANYON NEAR CHARLESTON PARK, NV

LOCATION.--Lat 36°16'40", long 115°28'10", in SE¼SW¼ sec.22, T.19 S., R.58 E., Clark County, Hydrologic Unit 15010015, 650 ft (200 m) downstream from culvert on State Highway 39, 10 mi (16 km) east of Charleston Park.

DRAINAGE AREA.--35.9 mi^2 (93.0 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	10.0	1965	0	1969	50.0	1973	15.0
1962	1.0	1966	8.0	1970	2.0	1974	0
1963	1.0	1967	1660.0	1971	60.0	1975	0
1964	10.0	1968	20.0	1972	38.0	1976	70.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.9791 S	0.8814 S
STANDARD DEVIATION	0.9323 S	1.0933 S
SKEW COEFFICIENTS		
STATION	0.6327	0.6327
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8125	0.8125
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	1.5	0.9	0.0	0.2	2.7
0.5000	7.6	7.6	7.6	2.6	22.5
0.2000	52.7	63.3	73.9	21.5	284.1
0.1000	165.6	191.7	259.3	57.7	1207.0
0.0400	624.3	624.3	1005.4	157.4	5933.6
0.0200	1560.7	1338.9	2620.1	295.8	16888.1
0.0100	3704.9	2659.2	7024.9	517.7	43611.4

09419647 LAS VEGAS WASH TRIBUTARY NEAR NORTH LAS VEGAS, NV

LOCATION.--Lat 36°18'10", long 115°08'20", in NW¼NE¼ sec.15, T.19 S., R.61 E., Clark County, Hydrologic Unit 15010015, 0.5 mi (0.8 km) southwest of end of road in Nellis Air Force Base Ground Gunnery Range, 7.5 mi (12.1 km) north of North Las Vegas.

DRAINAGE AREA.--62 mi^2 (161 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	160.0	1967	459.0	1971	66.0	1974	3.0
1964	103.0	1968	80.0	1972	927.0	1975	5130.0
1965	20.0	1969	0	1973	15.0	1976	30.0
1966	0	1970	0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6724 S	1.6098 S
STANDARD DEVIATION	0.9970 S	1.1027 S
SKEW COEFFICIENTS		
STATION	0.3774	0.3774
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7857	0.7857
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	40.7	40.7	40.7	12.5	132.4
0.2000	307.6	345.0	412.9	108.2	1807.9
0.1000	962.9	1054.3	1494.5	291.9	8110.7
0.0400	3470.0	3470.0	6002.9	796.4	42456.2
0.0200	8236.1	7490.7	16813.8	1495.0	126029.3
0.0100	18368.3	14966.8	46622.6	2611.8	338234.3

09419650 LAS VEGAS WASH AT NORTH LAS VEGAS, NV

LOCATION.--Lat 36°12'40", long 115°06'20", in SW¼NE¼ sec.13, T.20 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank 100 ft (30 m) upstream from U.S. Highway 91 and 3.5 mi (5.6 km) northeast of Fremont Street, Las Vegas.

DRAINAGE AREA.--1,300 mi^2 (3,370 km^2), approximately, of which about 700 mi^2 (1,810 km^2) contributes directly to surface runoff.

REMARKS.--No diversion for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1963	357							1	2		3								1									1							
1964	366																																		
1965	362									1										1		1													
1966	364																						1												
1967	358													1	1				1					1				2	1						
1968	363								1																	1		1							
1969	357								3		1	2				1				1															
1970	360							1	1				1			1		1																	
1971	360										1			1			1						1	1											
1972	357		2					2		2			1									1	1												
1973	313	1			1	3	2	8	3	5	5	2	2	2	5	2	2	1	1	1	1	2			2			1						
1974	315	2	3		4	3	4	9	5	5	7	2	1	1	1	1			1			1												
1975	223	1	1	3	9	11	12	35	14	11	10	9	4	7	3	2	1	1	3			2			1			1		1				
1976	324	2	2	2	1	3	2	9	3	3	2	1				1	1	1	2	1		1		2		1	1				1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4779	5114	100.0	12	0.8	9	92	1.8	24	31	3	15	.2
1	0.01	6	335	6.6	13	1.0	12	83	1.6	25	43	2	12	.2
2	0.02	8	329	6.4	14	1.4	10	71	1.4	26	58	1	10	.1
3	0.03	5	321	6.3	15	1.9	8	61	1.2	27	79	4	9	.1
4	0.04	15	316	6.2	16	2.6	5	53	1.0	28	110	3	5	
5	0.06	20	301	5.9	17	3.6	4	48	0.9	29	150		2	
6	0.08	20	241	5.5	18	4.9	9	44	0.9	30	200		2	
7	0.10	65	261	5.1	19	6.6	4	35	0.7	31	270	2	2	
8	0.20	32	196	3.8	20	9.1	1	31	0.6	32				
9	0.30	27	164	3.2	21	12.0	8	30	0.6	33				
10	0.40	29	137	2.7	22	17.0	3	22	0.4	34				
11	0.60	16	108	2.1	23	23.0	4	19	0.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1964	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1965	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1966	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1967	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1968	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.83	13
1969	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5
1970	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6
1971	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.01	8
1972	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	7
1973	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.19	12
1974	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.02	13	0.03	13	0.13	11
1975	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	11	0.01	11	0.03	9
1976	0.00	13	0.00	13	0.00	13	0.00	13	0.00	13	0.00	13	0.00	12	0.02	12	0.05	10

09419650 LAS VEGAS WASH AT NORTH LAS VEGAS, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1963	91.0	6	30.0	6	13.0	6	6.1	6	3.0	6	1.5	6	1.0	6	0.8	6	0.5	6
1964	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14
1965	13.0	11	4.3	11	1.9	11	1.4	10	0.7	10	0.4	10	0.2	10	0.2	10	0.1	10
1966	17.0	9	5.7	10	2.4	10	1.1	11	0.6	11	0.3	11	0.2	11	0.1	11	0.1	11
1967	146.0	3	49.0	4	21.0	4	9.7	4	4.9	4	2.4	5	1.6	5	1.8	3	1.2	3
1968	100.0	5	50.0	3	22.0	3	10.0	3	5.0	3	2.5	3	1.7	4	1.3	5	0.8	5
1969	7.7	12	2.8	12	1.2	12	0.6	12	0.3	12	0.2	12	0.1	12	0.1	12	0.1	12
1970	3.6	13	1.2	13	0.5	13	0.2	13	0.2	13	0.1	13	0.1	13	0.1	13	0.0	13
1971	24.0	7	8.4	7	7.0	7	3.3	7	1.6	7	0.8	7	0.6	7	0.4	7	0.3	7
1972	20.0	8	7.1	8	5.0	8	2.4	8	1.2	8	0.6	8	0.4	8	0.3	8	0.2	8
1973	127.0	4	43.0	5	18.0	5	8.6	5	4.3	5	2.4	4	1.9	3	1.5	4	1.1	4
1974	16.0	10	7.8	8	3.5	9	1.6	9	0.8	9	0.4	9	0.3	9	0.3	9	0.2	9
1975	1400.0	1	524.0	1	228.0	1	107.0	1	53.0	1	27.0	1	18.0	1	13.0	1	8.9	1
1976	274.0	2	95.0	2	43.0	2	20.0	2	10.0	2	5.1	2	3.4	2	2.6	2	2.0	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.22	0.44	0.38	0.09	0.81	0.08	0.12	0.31	0.25	3.57	0.27	0.67
0.44	1.78	1.57	0.05	7.80	0.04	0.06	1.23	0.83	176	0.23	1.87
0.67	1.33	1.25	0.22	2.79	0.20	0.24	1.11	0.91	13.3	0.48	1.37
3.55	3.63	3.67	3.03	3.73	3.37	1.75	3.73	3.85	3.86	2.10	1.69
3.09	3.00	3.28	2.52	3.46	2.68	1.95	3.53	3.58	3.72	1.78	2.04
2.98	6.16	5.29	1.19	11.2	1.05	1.70	4.36	3.52	49.5	3.75	9.28

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.63	1.45	1.21	3.06	1.91	0.114

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.22	-0.15	-0.48	-0.29	-0.20	-0.43	-0.43	-0.56	-0.31	0.03	-0.41	-0.25
0.38	0.22	0.84	0.49	0.39	0.59	0.51	0.90	0.80	0.40	0.33	0.72
0.61	0.47	0.92	0.70	0.62	0.77	0.72	0.95	0.90	0.63	0.58	0.85
-2.30	-1.29	-1.21	-2.99	-0.70	-1.76	-1.48	-0.97	-2.73	0.19	-0.86	-1.80
-2.75	-3.18	-1.92	-2.40	-3.14	-1.79	-1.68	-1.71	-2.90	22.1	-1.40	-3.46
6.05	4.01	12.9	7.87	5.40	11.6	11.6	15.1	8.38	-0.77	11.2	6.66

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.64	0.50	0.71	0.19	-1.11	0.154

09419650 LAS VEGAS WASH AT NORTH LAS VEGAS, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	414.0	1967	1170.0	1971	250.0	1974	40.0
1964	0	1968	732.0	1972	231.0	1975	12010.0
1965	70.0	1969	51.0	1973	1640.0	1976	894.0
1966	82.0	1970	28.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3970 S	2.3268 S
STANDARD DEVIATION	0.7838 S	0.9006 S
SKEW COEFFICIENTS		
STATION	0.5402	0.5402
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9286	0.9286
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	28.1	14.9	0.0	2.8	42.5
0.8000	53.1	37.1	32.0	9.6	95.5
0.5000	212.2	212.2	212.2	81.0	556.0
0.2000	1066.3	1215.5	1407.5	471.4	4701.0
0.1000	2728.2	3026.5	4024.1	1060.2	16016.9
0.0400	8006.4	8006.4	12526.8	2406.8	61897.5
0.0200	16736.4	15009.7	29049.9	4025.3	150515.6
0.0100	33425.9	26416.3	66815.5	6348.5	337078.2

09419660 LAS VEGAS WASH TRIBUTARY NEAR NELLIS AIR FORCE BASE, NV

LOCATION.--Lat 36°13'55", long 115°04'05", in NW¼NE¼ sec.8, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, at culvert on Alternate U.S. Highways 91 and 93, 1.5 mi (2.4 km) southwest of Nellis Air Force Base.

DRAINAGE AREA.--18.1 mi^2 (46.9 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	10.0	1965	100.0	1969	0	1973	618.0
1962	5.0	1966	15.0	1970	1.0	1974	0
1963	20.0	1967	362.0	1971	84.0	1975	1.0
1964	15.0	1968	15.0	1972	0.2	1976	150.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.0474 S	1.1019 S
STANDARD DEVIATION	1.0930 S	0.9949 S
SKEW COEFFICIENTS		
STATION	-0.2997	-0.2997
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8750	0.8750
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	16	16

S -.SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	1.4	1.8	0.0	0.5	4.9
0.5000	12.6	12.6	12.6	4.7	33.9
0.2000	95.4	86.9	100.1	32.5	340.8
0.1000	256.1	238.2	313.6	79.9	1271.1
0.0400	697.6	697.6	1076.3	199.1	5414.4
0.0200	1296.9	1396.8	2573.3	353.5	14026.1
0.0100	2224.7	2608.3	6313.6	588.4	33256.9

09419663 LAS VEGAS WASH TRIBUTARY SOUTH OF NELLIS AIR FORCE BASE, NV

LOCATION.--Lat 36°11'40", long 115°01'30", near section line common to secs. 22 and 23, T.20 S., R.62 E., Clark County, Hydrologic Unit 15010015, 0.1 mi (0.2 km) south of Lake Mead Boulevard, 3.7 mi (6.0 km) south of main gate of Nellis Air Force Base.

DRAINAGE AREA.--1.2 mi^2 (3.1 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	296.0	1967	30.0	1971	0	1974	90.0
1964	10.0	1968	0	1972	0	1975	0
1965	20.0	1969	25.0	1973	1.0	1976	0
1966	10.0	1970	0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.3973 S	0.4604 S
STANDARD DEVIATION	1.2009 S	1.0873 S
SKEW COEFFICIENTS		
STATION	-0.3154	-0.3154
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5714	0.5714
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	2.9	2.9	2.9	0.9	9.2
0.2000	26.4	23.7	28.3	7.6	121.5
0.1000	77.6	71.4	100.7	20.1	533.8
0.0400	231.1	231.1	396.8	54.2	2730.2
0.0200	453.1	493.6	1095.4	100.8	7981.6
0.0100	813.0	976.6	2994.2	174.7	21126.1

09419670 RED ROCK WASH NEAR BLUE DIAMOND, NV

LOCATION.--Lat 36°09'30", long 115°29'45", in NE¼NW¼ sec.4, T.21 S., R.58 E., Clark County, Hydrologic Unit 15010015, 0.2 mi (0.3 km) southeast of Willow Spring, 9.3 mi (15.0 km) northwest of Blue Diamond.

DRAINAGE AREA.--8.09 mi^2 (20.95 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	150.0	1966	0	1970	0	1974	940.0
1963	50.0	1967	2500.0	1971	0	1975	0
1964	15.0	1968	1350.0	1972	0	1976	100.0
1965	221.0	1969	7470.0	1973	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.6750 S	1.6687 S	
STANDARD DEVIATION	1.2431 S	1.2541 S	
SKEW COEFFICIENTS			
STATION	0.0304	0.0304	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.6000	0.6000	
NUMBER OF PEAKS	9	9	
PERIOD (YEARS)	15	15	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	46.6	46.6	46.6	12.8	169.5
0.2000	524.0	529.8	640.8	147.7	3197.5
0.1000	1870.9	1887.4	2732.5	457.6	17182.2
0.0400	7314.9	7314.9	13069.0	1440.2	109562.0
0.0200	17710.0	17549.9	40392.0	2959.4	370094.3
0.0100	39321.4	38560.4	128017.1	5604.0	********

09419675 FLAMINGO WASH AT LAS VEGAS, NV

LOCATION.--Lat 36°06'56", long 115°11'03", in SW¼ sec.17, T.21 S., R.61 E., Clark County, Hydrologic Unit 15010015, 80 ft (20 m) upstream from Union Pacific Railroad bridge, 4 mi (6 km) southwest of Las Vegas post office.

DRAINAGE AREA.--86 mi^2 (223 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	306.0	1969	1630.0	1972	145.0	1975	3910.0
1967	814.0	1970	0	1973	36.0	1976	351.0
1968	200.0	1971	0	1974	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.283R S	2.2816 S
STANDARD DEVIATION	0.7626 S	0.7666 S
SKEW COEFFICIENTS		
STATION	0.0177	0.0177
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7273	0.7273
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	191.2	191.2	191.2	74.6	490.3
0.2000	841.4	844.8	992.0	343.0	3311.8
0.1000	1830.8	1836.5	2502.6	680.9	10052.2
0.0400	4203.6	4203.6	6963.2	1353.5	34330.8
0.0200	7200.1	7176.9	15320.4	2078.1	77053.3
0.0100	11693.0	11611.9	31425.0	3035.4	160529.4

09419677 FLAMINGO WASH AT MARYLAND PARKWAY, AT LAS VEGAS, NV

LOCATION.--Lat 36°07'05", long 115°08'15", in SE¼SE¼ sec.15, T.21 S., R.61 E., Clark County, Hydrologic Unit 15010015, on right bank 90 ft (27.4 m) upstream from two 10 by 12 ft box culverts under Maryland Parkway between Flamingo Road and Twain Avenue in Las Vegas.

DRAINAGE AREA.--106 mi^2 (275 km^2), approximately.

REMARKS.--There is no flow at this station except following heavy rainstorms.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1970	351				1	2			1	1			2		1			1	1	1					2			1								
1971	361			1							1	1									1														
1972	363				1							1				1																			
1973	348		1		1	1	3	1	3	2	1		1	1				1		1														
1974	359		1						1			1					1	1				1													
1975	355	1	1			1								1				1			1	1	1				1					1			
1976	364												1		2	1	1	1	1	1			1			1		1			1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2491	2557	100.0	12	1.2	4	37	1.4	24	23	2	8	.3
1	0.05	1	66	2.6	13	1.6	2	33	1.3	25	30	1	6	.2
2	0.06	3	65	2.5	14	2.0	3	31	1.2	26	38	1	5	.1
3	0.08	1	62	2.4	15	2.6	2	28	1.1	27	49	2	4	.1
4	0.10	3	61	2.4	16	3.3	2	26	1.0	28	63		2	
5	0.20	4	58	2.3	17	4.2	5	24	0.9	29	80		2	
6	0.30	3	54	2.1	18	5.4	2	19	0.7	30	100		2	
7	0.40	1	51	2.0	19	6.9	3	17	0.7	31	130	1	2	
8	0.50	5	50	2.0	20	8.8	2	14	0.5	32	170	1	1	
9	0.60	3	45	1.8	21	11.0	2	12	0.5	33				
10	0.70	2	42	1.6	22	14.0	2	10	0.4	34				
11	1.00	3	40	1.6	23	18.0	0	8	0.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1971	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1972	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1973	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.01	5	0.02	5
1974	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3
1975	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.01	6	0.01	4
1976	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	4	0.11	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1970	62.0	3	24.0	3	10.0	3	7.1	3	4.5	3	2.3	3	1.5	3	1.1	3	0.7	3
1971	9.8	5	3.3	5	1.5	5	0.7	5	0.4	6	0.2	6	0.1	6	0.1	6	0.1	6
1972	2.7	7	0.9	7	0.4	7	0.2	7	0.1	7	0.1	7	0.0	7	0.0	7	0.0	7
1973	8.0	6	2.7	6	1.3	6	0.6	6	0.4	5	0.2	4	0.2	4	0.2	4	0.1	4
1974	11.0	4	3.7	4	1.6	4	0.7	4	0.4	4	0.2	5	0.1	5	0.1	5	0.1	5
1975	349.0	1	129.0	1	55.0	1	26.0	1	13.0	1	6.5	1	4.5	1	3.4	1	2.3	1
1976	168.0	2	59.0	2	26.0	2	12.0	2	6.1	2	3.0	2	2.0	2	1.6	2	1.2	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.03	0.01	0.05	0.91	0.05	0.10	0.05	0.00	2.16	0.54	0.48
0.00	0.01	0.00	0.01	5.66	0.02	0.06	0.00	0.00	21.1	1.64	1.01
0.00	0.08	0.02	0.12	2.38	0.13	0.25	0.06	0.01	4.60	1.28	1.01
2.65	2.64	2.65	2.61	2.65	2.65	2.64	1.57	2.65	2.58	2.59	2.36
2.65	2.60	2.65	2.43	2.61	2.63	2.56	1.35	2.65	2.13	2.35	2.09
0.01	0.71	0.17	1.11	20.8	1.13	2.26	1.05	0.06	49.2	12.4	11.0

09419677 FLAMINGO WASH AT MARYLAND PARKWAY, AT LAS VEGAS, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.36	0.22	0.47	1.16	1.28	0.390

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.38	-0.46	-0.18	-0.30	-0.05	-0.47	-0.27	-1.02	-0.24	0.10	-0.20	-0.21
1.00	0.89	0.24	0.37	0.33	1.08	0.41	0.68	0.42	0.22	0.39	0.47
1.00	0.94	0.45	0.61	0.58	1.04	0.64	0.83	0.65	0.47	0.62	0.69
-2.65	-2.31	-2.65	-2.21	-0.95	-2.51	-2.59	0.07	-2.65	1.77	-1.50	-2.22
-2.65	-2.07	-2.65	-2.01	-10.9	-2.24	-2.38	-0.81	-2.65	4.56	-3.17	-3.30
10.3	12.4	5.01	8.22	1.44	12.7	7.34	27.7	6.67	-2.83	5.37	5.69

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.91	0.59	0.77	0.08	-0.85	0.405

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1969	1500.0	1971	218.0	1973	31.0	1975	2750.0
1970	141.0	1972	32.0	1974	180.0	1976	880.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.4124	2.4124
STANDARD DEVIATION	0.7262	0.7262
SKEW COEFFICIENTS		
STATION	0.0638	0.0638
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	8	8

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	3.8	3.5	0.5	0.1	16.5
0.9900	5.7	5.3	1.2	0.2	22.5
0.9500	17.0	16.5	8.9	1.3	54.3
0.9000	30.7	30.3	20.2	3.7	89.2
0.8000	63.0	63.3	51.1	12.0	170.2
0.5000	253.9	258.5	258.5	87.5	763.2
0.2000	1050.2	1055.9	1306.9	392.5	5574.8
0.1000	2228.0	2203.5	3303.2	749.0	18097.5
0.0400	5007.2	4828.4	10077.4	1416.0	66932.6
0.0200	8484.1	8014.8	23526.7	2100.1	158525.1
0.0100	13672.0	12643.3	54175.9	2970.5	346955.0

09419678 FLAMINGO WASH NEAR MOUTH AT LAS VEGAS, NV

LOCATION.--Lat 36°08'28", long 115°05'47", in NW¼NW¼ sec.7, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, 120 ft (40 m) upstream from culvert on U.S. Highways 93, 95, and 466, 3.2 mi (5.1 km) southeast of Las Vegas post office.

DRAINAGE AREA.--117 mi^2 (303 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1969	1240.0	1971	108.0	1973	30.0	1975	2870.0
1970	40.0	1972	1.5	1974	180.0	1976	660.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.1144	2.1144	
STANDARD DEVIATION	1.0497	1.0497	
SKEW COFFFICIENTS			
STATION	-0.6519	-0.6519	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	8	8	
PERIOD (YEARS)	8	8	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.1	0.3	0.0	0.0	2.4
0.9900	0.2	0.5	0.1	0.0	3.8
0.9500	1.6	2.4	1.0	0.1	13.6
0.9000	5.2	5.9	3.3	0.3	28.0
0.8000	19.1	17.0	12.5	1.5	71.1
0.5000	164.9	130.1	130.1	27.2	622.3
0.2000	1033.1	994.9	1354.1	238.0	11021.3
0.1000	2318.5	2881.1	5172.4	605.6	60449.7
0.0400	4977.0	8953.7	25934.2	1520.5	400318.1
0.0200	7745.5	18625.9	88325.0	2687.7	********
0.0100	11158.3	35996.3	294898.1	4436.8	********

09419680 COTTONWOOD VALLEY NEAR BLUE DIAMOND, NV

LOCATION.--Lat 36°00'35", long 115°25'50", in NE¼NW¼ sec.25, T.22 S., R.58 E., Clark County, Hydrologic Unit 15010015, at culvert on Cottonwood Valley Road, 3 mi (5 km) southwest of Blue Diamond.

DRAINAGE AREA.--18.3 mi^2 (47.4 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	0.6	1965	1.5	1969	1100.0	1973	0
1962	0.4	1966	33.0	1970	46.0	1974	0
1963	0	1967	946.0	1971	26.0	1975	0
1964	0	1968	0.5	1972	10.0	1976	44.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.4204 S	0.3631 S
STANDARD DEVIATION	1.4917 S	1.5900 S
SKEW COEFFICIENTS		
STATION	0.2312	0.2312
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6875	0.6875
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	2.3	2.3	2.3	0.5	11.2
0.2000	45.3	50.3	63.0	10.4	446.0
0.1000	231.8	251.6	390.5	43.9	3656.0
0.0400	1401.7	1401.7	2802.7	188.9	37055.7
0.0200	4629.6	4251.1	11286.2	473.0	169629.6
0.0100	13861.2	11532.5	47368.5	1067.6	674091.2

09419690 DUCK CREEK AT WHITNEY, NV

LOCATION.--Lat 36°05'09", long 115°02'00", in NW¼NE¼ sec.34, T.21 S., R.62 E., Clark County, Hydrologic Unit 15010015, at culvert on U.S. Highways 93, 95, 466, 0.7 mi (1.1 km) southeast of Whitney.

DRAINAGE AREA.--239 mi^2 (619 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	3570.0	1965	580.0	1969	300.0	1973	600.0
1962	40.0	1966	584.0	1970	1260.0	1974	580.0
1963	260.0	1967	382.0	1971	45.0	1975	300.0
1964	904.0	1968	360.0	1972	40.0	1976	370.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5384	2.5384
STANDARD DEVIATION	0.5350	0.5350
SKEW COEFFICIENTS		
STATION	-0.4951	-0.4951
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	8.2	14.5	8.1	3.3	34.2
0.9900	12.7	19.7	12.2	5.0	43.8
0.9500	38.9	45.5	36.9	15.9	87.5
0.9000	67.7	71.2	61.5	29.0	128.2
0.8000	127.6	122.5	113.5	58.8	207.9
0.5000	382.2	345.4	345.4	203.1	587.5
0.2000	992.1	974.1	1050.8	573.9	2030.4
0.1000	1546.5	1674.7	1941.6	930.6	4120.9
0.0400	2387.0	2984.7	3768.4	1520.7	8982.9
0.0200	3094.1	4335.4	6021.5	2070.9	14986.4
0.0100	3854.7	6065.4	9756.5	2723.5	23840.0

09419697 LAS VEGAS WASH TRIBUTARY NEAR HENDERSON, NV

LOCATION.--Lat 36°01'53", long 115°01'49", in NE¼SE¼ sec.15, T.22 S., R.62 E., Clark County, Hydrologic Unit 15010015, at culvert on State Highway 41, 2.5 mi (4.0 km) west of downtown Henderson.

DRAINAGE AREA.--1.17 mi^2 (3.03 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	20.0	1970	2.0	1973	2.0	1975	20.0
1968	655.0	1971	0	1974	0	1976	86.0
1969	5.0	1972	76.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.0497 S	0.9845 S	
STANDARD DEVIATION	0.9588 S	1.0687 S	
SKEW COEFFICIENTS			
STATION	0.4094	0.4094	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.8000	0.8000	
NUMBER OF PEAKS	8	8	
PERIOD (YEARS)	10	10	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	1.7	1.2	0.0	0.2	4.5
0.5000	9.6	9.6	9.6	2.4	38.7
0.2000	67.9	76.5	98.0	20.6	592.2
0.1000	205.5	226.0	363.4	53.4	2915.8
0.0400	716.8	716.8	1589.0	138.4	17043.7
0.0200	1668.9	1511.1	4870.4	250.3	54519.0
0.0100	3662.6	2955.4	14617.9	422.4	156716.2

09419700 LAS VEGAS WASH NEAR HENDERSON, NV

LOCATION.--Lat 36°05'20", long 114°59'05", in SE¼SW¼ sec.30, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, on right bank at upstream end of 4.5-ft (1.37-m) pipe culvert on road, 3.5 mi (5.6 km) north of Henderson, and 6.0 mi (9.7 km) upstream from high-water line of Lake Mead at elevation 1,221.4 ft (372.28 m) above mean sea level.

DRAINAGE AREA.--2,125 mi^2 (5,504 km^2), of which 1,518 mi^2 (3,932 km^2) contribute directly to surface runoff. Prior to Apr. 4, 1961, 2,179 mi^2 (5,644 km^2), of which 1,571 mi^2 (4,069 km^2) contributed directly to surface runoff.

REMARKS.--In closed basin above station, 2,150 acres (8.70 km^2) are irrigated, mostly by pumping from ground water. Discharge includes waste water from industrial plants and sewage effluent.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1958				2	25	20	6	17	8	38	65	97	77	6	3			1																	
1959							2	34	44	50	29	80	94	23	4	1		1	1		1									1				
1960		2	2	3		3	7	19	44	71	46	39	62	49	14	2		3																
1961					8	7	10	39	59	47	14	58	87	24	5	1		1	3									1		1				
1962			4	21	30	19	6	21	28	31	69	103	32			1																		
1963							2	24	30	65	60	73	73	34	2		2																		
1964					3	4	5	43	27	27	22	93	94	39	6				1					1		1									
1965							2	9	26	49	59	57	67	56	25	7	2	1		1	2				2										
1966							4	16	18	34	36	30	53	58	74	27	9	3	1	1		1													
1967					3	9	3	21	10	25	35	41	67	75	44	23	5	3					1												
1968								2	7	38	33	40	51	56	68	63	4	1	1								1	1							
1969										6	11	19	24	58	65	81	65	21	9	3	1	1				1									
1970												5	20	31	45	63	76	99	23	1	1					1									
1971										4	13	16	25	32	59	55	72	66	23																
1972											1	8	11	15	47	100	80	96	4			1	3												
1973											1		4	8	19	38	73	111	95	7	4	3	2												
1974														6	20	40	42	122	109	24				2											
1975																1	21	140	151	41	5	3		1	1										1
1976																	17	86	172	77	2	3	3	1	1	1		1		1			1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6940	100.0	12	24.0	841	4444	64.0	24	140	4	17	.2
1	4.70	2	6940	100.0	13	28.0	570	3603	51.9	25	160	4	13	.1
2	5.60	6	6938	100.0	14	32.0	500	3033	43.7	26	180	1	9	.1
3	6.40	26	6932	99.9	15	37.0	503	2533	36.5	27	210	3	8	.1
4	7.40	69	6906	99.5	16	43.0	468	2030	29.3	28	240		5	
5	8.60	62	6837	98.5	17	49.0	755	1562	22.5	29	280	2	5	
6	9.90	47	6775	97.6	18	57.0	593	807	11.6	30	330	1	3	
7	11.00	245	6728	96.9	19	66.0	155	214	3.1	31	380		2	
8	13.00	301	6483	93.4	20	76.0	16	59	0.9	32	440		2	
9	15.00	485	6182	89.1	21	88.0	12	43	0.6	33	510	1	2	
10	18.00	494	5697	82.1	22	100.0	9	31	0.4	34	590	1	1	
11	21.00	759	5203	75.0	23	120.0	5	22	0.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1959	6.90	3	7.40	3	7.50	3	7.70	2	8.10	2	8.90	2	11.00	2	12.00	2	15.00	2
1960	10.00	8	10.00	7	12.00	8	12.00	7	12.00	7	12.00	3	13.00	4	14.00	6	15.00	3
1961	4.80	1	5.70	1	7.00	2	8.20	3	9.80	3	12.00	4	13.00	5	13.00	3	15.00	4
1962	7.60	4	7.80	4	8.00	4	8.60	4	10.00	4	12.00	5	13.00	6	13.00	4	16.00	5
1963	6.10	2	6.20	2	6.60	1	7.20	1	7.40	1	7.60	1	8.60	1	9.70	1	12.00	1
1964	10.00	9	11.00	8	12.00	9	13.00	9	14.00	9	15.00	8	15.00	7	15.00	7	18.00	6
1965	8.40	6	8.90	6	10.00	6	10.00	5	11.00	5	12.00	6	12.00	3	14.00	5	18.00	7
1966	10.00	10	11.00	9	13.00	10	14.00	10	16.00	10	16.00	10	17.00	9	18.00	8	19.00	8
1967	9.90	7	11.00	10	11.00	7	12.00	8	13.00	8	15.00	9	18.00	10	19.00	10	22.00	10
1968	7.70	5	8.20	5	9.70	5	11.00	6	12.00	6	14.00	7	16.00	8	18.00	9	20.00	9
1969	11.00	11	12.00	11	14.00	11	16.00	11	17.00	11	19.00	11	21.00	11	22.00	11	25.00	11
1970	15.00	12	16.00	12	19.00	13	20.00	12	25.00	13	26.00	13	29.00	13	30.00	12	32.00	12
1971	22.00	16	23.00	16	24.00	15	26.00	15	28.00	14	31.00	14	33.00	14	36.00	15	38.00	14
1972	16.00	13	17.00	13	18.00	12	20.00	13	23.00	12	25.00	12	28.00	12	30.00	13	32.00	13
1973	20.00	15	21.00	14	22.00	14	26.00	14	29.00	15	31.00	15	34.00	15	36.00	14	40.00	15
1974	19.00	14	23.00	15	26.00	16	29.00	16	34.00	16	36.00	16	39.00	16	41.00	16	44.00	16
1975	28.00	17	31.00	17	32.00	17	32.00	17	34.00	17	40.00	17	44.00	17	44.00	17	47.00	17
1976	42.00	18	45.00	18	46.00	18	47.00	18	50.00	18	53.00	18	55.00	18	57.00	18	60.00	18

09419700 LAS VEGAS WASH NEAR HENDERSON, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1958	50.0	17	38.0	17	32.0	17	28.0	18	27.0	18	25.0	18	25.0	18	24.0	18	23.0	18
1959	357.0	3	161.0	3	88.0	3	57.0	8	41.0	10	34.0	11	31.0	12	30.0	12	28.0	13
1960	55.0	16	48.0	16	39.0	16	34.0	16	33.0	14	32.0	14	30.0	14	29.0	14	27.0	14
1961	286.0	4	135.0	5	67.0	8	40.0	14	33.0	15	28.0	15	26.0	15	27.0	15	26.0	15
1962	41.0	19	29.0	19	25.0	19	24.0	19	23.0	19	23.0	19	23.0	19	22.0	19	22.0	19
1963	46.0	18	37.0	18	30.0	18	29.0	17	28.0	16	27.0	16	26.0	16	26.0	16	24.0	17
1964	169.0	7	107.0	6	54.0	13	35.0	15	27.0	17	27.0	17	26.0	17	26.0	17	25.0	16
1965	153.0	9	106.0	8	58.0	12	47.0	11	36.0	13	33.0	12	31.0	13	30.0	13	29.0	12
1966	90.0	14	65.0	14	51.0	14	44.0	12	40.0	11	36.0	10	35.0	10	34.0	10	32.0	10
1967	109.0	13	68.0	13	50.0	15	41.0	13	36.0	12	33.0	13	34.0	11	33.0	11	30.0	11
1968	220.0	5	154.0	4	88.0	4	62.0	6	49.0	9	44.0	9	41.0	9	39.0	9	36.0	9
1969	172.0	6	107.0	7	79.0	5	66.0	4	56.0	5	51.0	8	48.0	8	46.0	8	43.0	8
1970	168.0	8	88.0	10	60.0	10	57.0	9	56.0	6	54.0	5	54.0	5	52.0	5	50.0	5
1971	62.0	15	61.0	15	60.0	11	59.0	7	56.0	7	54.0	6	52.0	6	51.0	6	47.0	6
1972	114.0	11	88.0	11	62.0	9	55.0	10	52.0	8	52.0	7	51.0	7	49.0	7	46.0	7
1973	110.0	12	93.0	9	74.0	7	66.0	5	62.0	4	60.0	4	59.0	4	59.0	4	58.0	4
1974	133.0	10	85.0	12	75.0	6	72.0	3	68.0	3	64.0	3	63.0	3	62.0	3	59.0	3
1975	1430.0	1	540.0	1	265.0	1	153.0	1	102.0	2	77.0	2	72.0	2	70.0	2	66.0	2
1976	586.0	2	344.0	2	217.0	2	139.0	2	103.0	1	84.0	1	78.0	1	74.0	1	70.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
33.2	39.3	39.9	40.1	41.5	35.3	34.1	30.2	25.9	26.6	28.7	31.0
234	204	238	246	416	200	212	226	182	505	234	276
15.3	14.3	15.4	15.7	20.4	14.1	14.5	15.0	13.5	22.5	15.3	16.6
0.70	0.39	0.50	0.41	1.71	0.86	0.87	0.86	0.69	2.19	0.35	0.81
0.46	0.36	0.39	0.39	0.49	0.40	0.43	0.50	0.52	0.85	0.53	0.54
8.19	9.68	9.83	9.89	10.2	8.70	8.41	7.44	6.38	6.55	7.08	7.63

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
33.8	233	15.3	0.82	0.45	0.971

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.48	1.57	1.57	1.57	1.58	1.52	1.50	1.43	1.35	1.32	1.39	1.43
0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.06	0.09	0.07	0.05
0.19	0.16	0.17	0.17	0.18	0.16	0.18	0.21	0.24	0.30	0.26	0.23
0.43	-0.13	0.17	0.19	0.74	0.56	0.28	0.30	-0.12	0.72	-0.29	0.28
0.13	0.10	0.11	0.11	0.12	0.11	0.12	0.15	0.17	0.22	0.19	0.16
8.36	8.84	8.87	8.87	8.91	8.57	8.46	8.08	7.65	7.44	7.86	8.10

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.49	0.04	0.19	0.40	0.13	0.963

LAS VEGAS VALLEY

09419700 LAS VEGAS WASH NEAR HENDERSON, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1957	1400.0	1962	280.0	1967	180.0	1972	393.0
1958	68.0	1963	102.0	1968	550.0	1973	357.0
1959	1150.0	1964	880.0	1969	190.0	1974	281.0
1960	72.0	1965	602.0	1970	504.0	1975	6510.0
1961	472.0	1966	200.0	1971	101.0	1976	1280.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5775	2.5775
STANDARD DEVIATION	0.4932	0.4932
SKEW COEFFICIENTS		
STATION	0.5626	0.5626
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	20	20
PERIOD (YEARS)	20	20

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	36.8	20.3	13.3	6.3	41.7
0.9900	43.3	26.9	19.4	9.2	52.7
0.9500	71.2	58.4	50.3	25.4	100.8
0.9000	96.0	88.2	79.1	43.2	144.0
0.8000	142.8	145.3	137.5	80.9	225.6
0.5000	340.0	378.0	378.0	245.0	583.0
0.2000	940.7	983.0	1039.2	633.2	1766.9
0.1000	1705.1	1620.1	1806.5	991.9	3307.8
0.0400	3377.2	2760.2	3285.6	1569.4	6584.4
0.0200	5398.1	3894.1	5000.8	2096.4	10342.7
0.0100	8386.9	5307.2	7355.4	2711.6	15574.2

09419800 LAS VEGAS WASH NEAR BOULDER CITY, NV

LOCATION.--Lat 36°07'20", long 114°54'15", in NE¼SE¼ sec.14, T.21 S., R.63 E., Clark County, Hydrologic Unit 15010015, in Lake Mead National Recreation Area, on left bank near mouth, on upstream side of lake shore highway, about 0.8 mi (1.3 km) upstream from high-water line of Lake Mead at elevation 1,221.4 ft (372.28 m) above mean sea level, and 11 mi (18 km) north-northwest of Boulder City.

DRAINAGE AREA.--2,193 mi^2 (5,680 km^2), of which 1,586 mi^2 (4,108 km^2) contribute directly to surface runoff.

REMARKS.--In closed basin above station, 2,150 acres (8.70 km^2) are irrigated, mostly by pumping from ground water. Discharge includes sewage effluent.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1970				1	1	8	22	15	30	24	56	71	124	8	3					2															
1971		2	5	8	4	15	20	10	43	31	48	55	54	54	16																				
1972					2	5	9	14	40	32	60	61	64	72	2		3					1	1												
1973							2	5	10	22	27	44	73	33	93	43	7	3	2	1															
1974						4	7	12	16	10	32	30	57	72	58	54	7	4	2																
1975									2	2	7	10	44	65	67	101	44	15	3	1	1				1							1		1
1976											2	13	35	58	81	122	24	18	4	1		1	1		1	1	2	1						1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	56.0	451	1608	62.9	24	210	2	9	.3
1	17.00	2	2557	100.0	13	63.0	362	1157	45.2	25	230	1	7	.2
2	19.00	5	2555	99.9	14	70.0	320	795	31.1	26	260	2	6	.2
3	21.00	9	2550	99.7	15	78.0	320	475	18.6	27	290	1	4	.1
4	24.00	7	2541	99.4	16	87.0	85	155	6.1	28	320		3	.1
5	26.00	32	2534	99.1	17	97.0	40	70	2.7	29	360		3	.1
6	29.00	60	2502	97.8	18	110.0	11	30	1.2	30	400		3	.1
7	33.00	56	2442	95.5	19	120.0	5	19	0.7	31	450		3	.1
8	36.00	141	2386	93.3	20	140.0	1	14	0.5	32	500	1	3	.1
9	41.00	121	2245	87.8	21	150.0	2	13	0.5	33	560		2	
10	45.00	232	2124	83.1	22	170.0	2	11	0.4	34	620	2	2	
11	51.00	284	1892	74.0	23	190.0	0	9	0.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1971	23.00	2	26.00	3	27.00	3	30.00	3	33.00	3	37.00	3	39.00	3	43.00	3	44.00	2
1972	17.00	1	19.00	1	21.00	1	23.00	1	27.00	1	30.00	1	33.00	1	35.00	1	39.00	1
1973	24.00	3	25.00	2	27.00	2	30.00	2	33.00	2	36.00	2	38.00	2	39.00	2	47.00	3
1974	30.00	5	31.00	5	34.00	5	36.00	5	40.00	5	43.00	5	47.00	5	49.00	4	52.00	4
1975	26.00	4	30.00	4	30.00	4	32.00	4	35.00	4	39.00	4	46.00	4	50.00	5	54.00	5
1976	37.00	6	42.00	6	44.00	6	49.00	6	53.00	6	59.00	6	64.00	6	72.00	6	74.00	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1970	136.0	4	108.0	5	74.0	6	65.0	7	60.0	7	59.0	7	59.0	7	58.0	7	56.0	7
1971	73.0	7	71.0	7	70.0	7	68.0	6	66.0	5	64.0	6	63.0	6	62.0	5	58.0	5
1972	185.0	3	119.0	3	82.0	5	73.0	5	66.0	6	66.0	5	64.0	5	62.0	6	58.0	6
1973	128.0	5	111.0	4	94.0	4	84.0	4	81.0	4	79.0	4	77.0	4	77.0	3	75.0	3
1974	116.0	6	105.0	6	98.0	3	91.0	3	85.0	3	81.0	3	79.0	3	76.0	4	72.0	4
1975	784.0	1	487.0	1	255.0	2	158.0	2	114.0	2	90.0	2	89.0	2	86.0	2	84.0	2
1976	622.0	2	375.0	2	256.0	1	169.0	1	131.0	1	107.0	1	98.0	1	93.0	1	88.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
65.6	69.8	72.8	71.9	76.9	61.8	60.9	54.3	45.4	53.4	53.4	58.9
172	147	158	101	690	106	221	200	86.6	807	148	418
13.1	12.1	12.6	10.1	26.3	10.3	14.9	14.1	9.31	28.4	12.1	20.5
0.22	0.02	0.25	-0.06	2.02	-0.03	0.46	0.75	1.16	1.66	-0.86	1.11
0.20	0.17	0.17	0.14	0.34	0.17	0.24	0.26	0.21	0.53	0.23	0.35
8.86	9.36	9.77	9.65	10.3	8.29	8.18	7.28	6.09	7.17	7.17	7.90

09419800 LAS VEGAS WASH NEAR BOULDER CITY, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
62.5	176	13.3	0.51	0.21	0.844

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.81	1.84	1.86	1.85	1.87	1.79	1.77	1.72	1.65	1.68	1.72	1.75
0.01	0.01	0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.04	0.01	0.02
0.09	0.08	0.08	0.06	0.13	0.07	0.10	0.11	0.08	0.20	0.11	0.14
0.07	-0.20	0.02	-0.14	1.58	-0.12	0.25	0.41	0.91	0.83	-1.09	0.55
0.05	0.04	0.04	0.03	0.07	0.04	0.06	0.06	0.05	0.12	0.06	0.08
8.49	8.63	8.71	8.70	8.77	8.38	8.33	8.08	7.74	7.90	8.06	8.21

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.79	0.01	0.09	0.33	0.05	0.850

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	1050.0	1971	79.0	1973	177.0	1975	2430.0
1965	1700.0	1972	485.0	1974	190.0	1976	1050.0
1970	279.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6905	2.6905
STANDARD DEVIATION	0.5059	0.5059
SKEW COEFFICIENTS		
STATION	-0.1288	-0.1288
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	21.2	24.4	7.3	2.6	68.4
0.9900	29.2	32.6	13.8	4.1	85.3
0.9500	69.2	72.2	50.0	15.0	158.9
0.9000	108.5	110.2	85.8	29.4	225.1
0.8000	185.4	183.9	161.4	64.3	353.3
0.5000	502.7	490.3	490.3	243.3	988.0
0.2000	1315.5	1306.9	1489.8	680.4	3741.1
0.1000	2144.9	2181.7	2802.1	1067.9	8183.3
0.0400	3575.2	3768.1	5844.5	1670.2	19496.0
0.0200	4945.1	5363.4	9958.5	2204.9	34542.9
0.0100	6595.5	7367.9	17374.7	2816.5	58074.8

09423300 PIUTE WASH TRIBUTARY AT SEARCHLIGHT, NV

LOCATION.--Lat 35°28'00", long 114°56'20", in SE¼NE¼ sec.33, T.28 S., R.63 E., Clark County, Hydrologic Unit 15030102, at culvert on State Highway 68, 1 mi (1.6 km) west of Searchlight.

DRAINAGE AREA.--3.4 mi^2 (8.8 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	120.0	1970	207.0	1973	0.3	1975	75.0
1968	32.0	1971	83.0	1974	125.0	1976	370.0
1969	113.0	1972	1.5				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.5995	1.5995
STANDARD DEVIATION	0.9883	0.9883
SKEW COEFFICIENTS		
STATION	-1.5585	-1.5585
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.1	0.0	0.0	0.8
0.9900	0.0	0.2	0.0	0.0	1.2
0.9500	0.5	0.9	0.5	0.1	4.1
0.9000	1.9	2.2	1.4	0.2	8.2
0.8000	8.4	5.9	4.7	0.9	19.7
0.5000	70.0	39.8	39.8	11.0	143.6
0.2000	257.3	269.9	339.4	80.1	1790.3
0.1000	390.7	734.5	1139.8	193.6	7818.4
0.0400	523.4	2136.2	4460.0	466.9	40013.7
0.0200	592.2	4257.4	12564.8	807.5	117268.7
0.0100	640.1	7916.7	34717.6	1309.9	311336.9

GREAT SALT LAKE DESERT

10172902 DEAD CEDAR WASH NEAR WENDOVER, UT

LOCATION.--Lat 40°25'00", long 114°11'20", in N½ sec.4, T.29 N., R.69 E., Elko County, Hydrologic Unit 16020306, at culvert on Alternate U.S. Highway 50, 23.5 mi (37.8 km) southwest of Wendover, Utah.

DRAINAGE AREA.--5 mi^2 (13 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	540.0	1965	752.0	1969	280.0	1973	6.0
1962	0	1966	0	1970	5.0	1974	0
1963	50.0	1967	490.0	1971	0	1975	0
1964	280.0	1968	6.0	1972	710.0	1976	0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.1122 S	1.2463 S
STANDARD DEVIATION	1.4276 S	1.1770 S
SKEW COEFFICIENTS		
STATION	-0.6499	-0.6499
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6250	0.6250
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	18.4	18.4	18.4	5.8	59.6
0.2000	216.8	174.7	205.2	54.5	882.2
0.1000	651.6	551.6	751.7	152.0	3959.9
0.0400	1844.5	1844.5	2985.1	424.9	20129.9
0.0200	3370.0	3981.8	7785.1	804.4	57722.9
0.0100	5543.4	7401.3	20593.8	1408.9	148640.4

10172909 BURNT CREEK NEAR SHORES, NV

LOCATION.--Lat 41°33'35", long 114°29'35", Elko County, Hydrologic Unit 16020307, at culvert, 16 mi (26 km) east of Shores.

DRAINAGE AREA.--10.5 mi^2 (27.2 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	25.0	1971	2.0	1973	2.0	1975	0.1
1969	2.0	1972	0.9	1974	1.0	1976	0.1
1970	2.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.0618	0.0618
STANDARD DEVIATION	0.7318	0.7318
SKEW COEFFICIENTS		
STATION	0.0182	0.0182
GENERALIZED	--	-0.2000
WRC WEIGHTED	--	-0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.0	0.0	0.0	0.0	0.1
0.9500	0.1	0.1	0.0	0.0	0.2
0.9000	0.1	0.1	0.1	0.0	0.4
0.8000	0.3	0.3	0.2	0.1	0.7
0.5000	1.1	1.2	1.2	0.4	3.4
0.2000	4.8	4.8	5.8	1.9	22.3
0.1000	10.0	9.6	13.3	3.4	63.6
0.0400	22.3	19.6	34.0	6.2	196.1
0.0200	37.3	30.6	65.3	8.8	403.2
0.0100	59.4	45.3	126.0	11.9	765.4

10172913 LORAY WASH TRIBUTARY NEAR COBRE, NV

LOCATION.--Lat 41°07'37", long 114°20'40", in SE¼SW¼ sec.36, T.38 N., R.67 E., Elko County, Hydrologic Unit 16020307, at culvert on State Highway 30, 3 mi (5 km) east of Cobre.

DRAINAGE AREA.--24 mi^2 (62 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	100.0	1965	220.0	1969	8.0	1973	185.0
1962	110.0	1966	0	1970	2.0	1974	150.0
1963	1.0	1967	0	1971	3.5	1975	180.0
1964	109.0	1968	0	1972	14.0	1976	0.5

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.0581 S	1.1300 S
STANDARD DEVIATION	1.1229 S	0.9886 S
SKEW COEFFICIENTS		
STATION	-0.5623	-0.5623
GENERALIZED	--	-0.2000
WRC WEIGHTED	--	-0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8125	0.8125
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	1.4	2.0	0.0	0.5	5.4
0.5000	14.5	14.5	14.5	5.5	39.1
0.2000	104.8	93.4	106.3	35.1	364.7
0.1000	258.7	236.5	302.7	80.4	1227.5
0.0400	617.8	617.8	901.6	182.4	4465.7
0.0200	1032.6	1129.4	1899.4	301.3	10185.0
0.0100	1588.3	1921.3	3997.0	465.8	21179.2

10242460 ESCALANTE VALLEY TRIBUTARY NEAR PANACA, NV

LOCATION.--Lat 37°44'10", long 114°08'20", Lincoln County, Hydrologic Unit 16030006, at culvert on State Highway 25, 14 mi (23 km) east of Panaca.

DRAINAGE AREA.--7.9 mi^2 (20.5 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	47.0	1968	25.0	1971	165.0	1974	29.0
1965	0	1969	110.0	1972	3.0	1975	25.0
1966	250.0	1970	220.0	1973	4.0	1976	30.0
1967	92.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.5516 S	1.6211 S	
STANDARD DEVIATION	0.6592 S	0.5304 S	
SKEW COEFFICIENTS			
STATION	-0.6362	-0.6362	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9231	0.9231	
NUMBER OF PEAKS	12	12	
PERIOD (YEARS)	13	13	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	4.7	8.7	0.0	3.1	16.5
0.8000	10.6	15.0	13.6	6.5	26.6
0.5000	41.8	41.8	41.8	23.1	75.5
0.2000	130.8	116.8	128.2	65.6	270.2
0.1000	218.2	199.9	239.5	105.6	563.3
0.0400	354.6	354.6	473.0	170.8	1267.4
0.0200	470.0	513.4	788.6	230.7	2160.3
0.0100	593.5	716.2	1290.0	301.2	3505.1

SNAKE VALLEY

10243240 BAKER CREEK AT NARROWS, NEAR BAKER, NV

LOCATION.--Lat 38°59', long 114°13', in sec.22, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, on left bank 0.5 mi (0.8 km) downstream from Pole Canyon, 1 mi (1.6 km) downstream from narrows, and 4.8 mi (7.7 km) southwest of Baker.

DRAINAGE AREA.--16.4 mi^2 (42.5 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948								11	39	97	51	30	13	4	11	23	16	14	4	5	11	9	8	10	6	3	1								
1949								71	36	31	36	47	9	8	9	12	7	7	7	5	16	10	8	6	10	3	5	6	4	3	1	2	6		
1950					3	2	2	23	29	52	39	88	13	7	10	12	8	20	7	12	9	11	4	3	4	4	1	2							
1951		1	2	3	15	8	35	14	9	59	43	36	17	9	13	24	13	11	2	6	4	4	7	10	5	3	5	3	1	1	2				
1952					5	9	6	19	36	34	16	41	21	10	8	21	8	10	6	5	8	5	4	8	8	6	8	11	20	10	5	4	8	4	2
1953							4	12	26	85	51	37	65	23	15	13	6	7	2	4	3	8	4												
1954							1	43	35	44	19	52	51	11	4	9	7	7	3	5	13	22	9	4	6	3	3	6	5	2	1				
1955										61	67	69	20	15	17	12	10	14	13	11	10	6	13	8	3	7	1	3	3	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	3.4	209	1238	42.4	24	27	42	212	7.2
1	0.50	1	2922	100.0	13	4.0	87	1029	35.2	25	32	29	170	5.8
2	0.60	2	2921	100.0	14	4.7	87	942	32.2	26	38	24	141	4.8
3	0.70	3	2919	99.9	15	5.6	126	855	29.3	27	45	31	117	4.0
4	0.80	23	2916	99.8	16	6.7	75	729	24.9	28	53	33	86	2.9
5	1.00	19	2893	99.0	17	8.0	90	654	22.4	29	64	18	53	1.8
6	1.20	48	2874	98.4	18	9.5	44	564	19.3	30	76	9	35	1.1
7	1.40	193	2826	96.7	19	11.0	53	520	17.8	31	90	6	26	.8
8	1.70	210	2633	90.1	20	13.0	74	467	16.0	32	110	14	20	.6
9	2.00	463	2423	82.9	21	16.0	75	393	13.4	33	130	4	6	.2
10	2.40	322	1960	67.1	22	19.0	57	318	10.9	34	150	2	2	
11	2.80	400	1638	56.1	23	23.0	49	261	8.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1949	1.50	6	1.50	6	1.50	6	1.50	6	1.50	5	1.50	2	1.50	2	1.60	2	2.00	2
1950	0.90	3	0.90	3	1.00	3	1.20	3	1.40	3	1.60	3	1.80	5	1.90	5	2.30	4
1951	0.51	1	0.67	1	0.74	1	0.77	1	0.95	1	1.10	1	1.30	1	1.50	1	1.90	1
1952	0.90	2	0.90	2	0.93	2	1.00	2	1.30	2	1.70	5	1.70	3	1.80	3	2.30	5
1953	1.20	4	1.20	4	1.30	4	1.40	4	1.60	6	1.80	6	1.90	6	2.00	6	2.50	6
1954	1.30	5	1.40	5	1.40	5	1.50	5	1.50	4	1.60	4	1.70	4	1.80	4	2.20	3
1955	2.10	7	2.10	7	2.10	7	2.10	7	2.10	7	2.20	7	2.30	7	2.40	7	2.60	7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1948	38.0	7	37.0	7	34.0	7	29.0	7	25.0	6	19.0	6	15.0	6	13.0	6	9.6	6
1949	127.0	2	122.0	2	116.0	2	90.0	2	65.0	2	46.0	2	35.0	2	28.0	2	20.0	2
1950	47.0	6	46.0	6	39.0	6	32.0	6	25.0	7	18.0	7	15.0	7	12.0	7	9.0	7
1951	79.0	3	74.0	3	60.0	4	42.0	5	37.0	4	25.0	5	19.0	5	16.0	5	11.0	5
1952	161.0	1	152.0	1	140.0	1	129.0	1	100.0	1	80.0	1	66.0	1	53.0	1	37.0	1
1953	20.0	8	20.0	8	19.0	8	17.0	8	13.0	8	9.4	8	7.7	8	6.7	8	5.2	8
1954	78.0	4	73.0	4	64.0	3	56.0	3	43.0	3	30.0	3	24.0	3	20.0	3	14.0	3
1955	68.0	5	65.0	5	58.0	5	46.0	4	36.0	5	26.0	4	21.0	4	17.0	4	13.0	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.98	2.82	2.11	1.87	1.66	1.95	5.23	23.9	36.6	13.7	5.89	3.48
0.20	0.14	0.09	0.09	0.15	0.17	8.91	397	716	115	7.99	1.15
0.44	0.37	0.30	0.30	0.39	0.41	2.99	19.9	26.8	10.7	2.83	1.07
0.82	-0.44	-0.34	-0.45	0.35	0.00	0.73	1.50	1.47	2.41	1.73	0.86
0.15	0.13	0.14	0.16	0.23	0.21	0.57	0.83	0.73	0.79	0.48	0.31
2.92	2.76	2.07	1.83	1.63	1.91	5.12	23.4	35.8	13.4	5.76	3.41

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.52	24.2	4.92	1.95	0.58	-0.474

10243240 BAKER CREEK AT NARROWS, NEAR BAKER, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.47	0.45	0.32	0.27	0.21	0.28	0.66	1.25	1.48	1.06	0.73	0.52
0.00	0.00	0.00	0.01	0.01	0.01	0.06	0.14	0.08	0.06	0.03	0.02
0.06	0.06	0.06	0.07	0.10	0.10	0.25	0.38	0.29	0.25	0.18	0.13
0.51	-0.52	-0.47	-0.49	-0.29	-0.80	0.22	-0.35	0.58	1.61	1.15	0.57
0.13	0.13	0.20	0.27	0.49	0.34	0.38	0.30	0.19	0.23	0.24	0.24
6.11	5.80	4.18	3.47	2.72	3.67	8.53	16.2	19.2	13.8	9.55	6.82

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.88	0.04	0.21	0.89	0.24	-0.602

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1948	42.0	1954	86.0	1964	62.0	1970	66.0
1949	146.0	1955	75.0	1965	86.0	1971	90.0
1950	54.0	1960	92.0	1966	22.0	1972	54.0
1951	84.0	1961	28.0	1967	400.0	1973	147.0
1952	178.0	1962	75.0	1968	96.0	1974	14.0
1953	23.0	1963	79.0	1969	70.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8421	1.8421
STANDARD DEVIATION	0.3181	0.3181
SKEW COEFFICIENTS		
STATION	-0.0995	-0.0995
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	23	23
PERIOD (YEARS)	23	23

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES
DISCHARGES

EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	9.8	10.5	8.4	5.3	16.3
0.9900	12.0	12.7	10.6	6.7	19.0
0.9500	20.4	20.8	19.2	12.8	29.0
0.9000	27.0	27.2	25.6	17.9	36.6
0.8000	37.7	37.5	36.4	26.5	49.0
0.5000	70.4	69.5	69.5	53.6	90.1
0.2000	129.2	128.8	132.8	98.7	182.1
0.1000	176.3	177.7	188.9	132.0	270.5
0.0400	244.3	250.6	276.5	177.9	417.5
0.0200	300.8	312.8	360.8	214.8	554.9
0.0100	362.0	382.0	455.4	254.0	718.0

10243260 LEHMAN CREEK NEAR BAKER, NV

LOCATION.--Lat 39°01', long 114°13', in sec.10, T.13 N., R.69 E., White Pine County, Hydrologic Unit 16020301, on left bank, 4.8 mi (7.7 km) west of Baker.

DRAINAGE AREA.--11 mi^2 (28 km^2), approximately.

REMARKS.--None.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1948							22	37	39	25	69	4	9	25	17	10	4	25	9	6	8	4	2	17	23	11									
1949							46	35	13	20	15	25	28	22	15	10	17	9	9	18	7	7	7	4	6	4	14	10	12	4	6	2			
1950						18	59	29	29	33	13	26	45	10	8	7	14	7	6	4	7	17	6	12	10	5									
1951					51	24	16	10	46	35	20	22	14	6	4	10	9	8	13	19	14	5	9	6	12	8	4								
1952					10	26	67	22	20	13	16	7	1	4	1	3	21	9	6	10	7	7	5	3	6	5	14	9	19	20	7	14	10	2	2
1953					45	12	14	31	60	43	27	26	13	10	6	21	35	16	6																
1954		3	32	16	34	15	22	51	13		8	11	21	5	15	5	11	8	7	2	5	9	5	16	23	11	9	5	3						
1955						26	77	45	17	13	29	13	3		8	9	11	5	3	4	4	3	17	12	20	20	3	3	7	12	1				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	2.7	134	1277	43.7	24	12	100	356	12.1
1	0.60	3	2922	100.0	13	3.1	82	1143	39.1	25	14	64	256	8.7
2	0.80	32	2919	99.9	14	3.5	74	1061	36.3	26	16	44	192	6.5
3	0.90	16	2887	98.8	15	4.0	75	987	33.8	27	18	27	148	5.0
4	1.00	140	2871	98.3	16	4.5	122	912	31.2	28	20	41	121	4.1
5	1.20	121	2731	93.5	17	5.1	87	790	27.0	29	23	36	80	2.7
6	1.30	323	2610	89.3	18	5.8	59	703	24.1	30	26	14	44	1.5
7	1.50	260	2287	78.3	19	6.5	63	644	22.0	31	29	16	30	1.0
8	1.70	237	2027	69.4	20	7.4	52	581	19.9	32	33	10	14	.4
9	1.90	182	1790	61.3	21	8.4	52	529	18.1	33	37	2	4	.1
10	2.10	197	1608	55.0	22	9.5	51	477	16.3	34	42	2	2	
11	2.40	134	1411	48.3	23	11.0	70	426	14.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1949	1.40	7	1.40	7	1.40	7	1.40	7	1.40	7	1.40	7	1.50	7	1.60	7	2.00	7
1950	1.20	6	1.20	6	1.20	6	1.20	6	1.30	6	1.30	6	1.40	5	1.50	6	1.80	5
1951	1.10	4	1.10	3	1.10	3	1.10	3	1.10	3	1.10	2	1.20	2	1.40	4	1.70	4
1952	1.00	2	1.10	4	1.10	4	1.20	4	1.20	4	1.20	3	1.30	3	1.30	2	1.60	3
1953	1.00	3	1.00	2	1.00	2	1.00	2	1.00	2	1.20	4	1.40	6	1.50	5	2.00	6
1954	0.70	1	0.70	1	0.76	1	0.78	1	0.79	1	0.85	1	0.93	1	1.00	1	1.20	1
1955	1.20	5	1.20	5	1.20	5	1.20	5	1.20	5	1.30	5	1.30	4	1.40	3	1.60	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1948	15.0	6	15.0	6	15.0	5	14.0	5	13.0	5	12.0	5	10.0	5	8.7	5	6.8	5
1949	32.0	2	30.0	2	28.0	2	26.0	2	22.0	2	19.0	2	16.0	2	13.0	3	10.0	2
1950	15.0	7	15.0	7	14.0	7	13.0	6	12.0	7	10.0	7	8.6	7	7.3	7	5.6	7
1951	16.0	5	16.0	5	15.0	6	13.0	7	13.0	6	11.0	6	9.5	6	8.2	6	6.1	6
1952	44.0	1	42.0	1	38.0	1	36.0	1	34.0	1	29.0	1	25.0	1	22.0	1	17.0	1
1953	6.2	8	6.1	8	5.9	8	5.7	8	5.5	8	5.0	8	4.4	8	3.8	8	3.1	8
1954	20.0	4	20.0	4	19.0	4	18.0	4	16.0	4	14.0	4	12.0	4	11.0	4	7.9	4
1955	26.0	3	25.0	3	25.0	3	24.0	3	21.0	3	17.0	3	15.0	3	13.0	2	9.4	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.45	1.94	1.62	1.38	1.27	1.50	2.71	8.87	16.0	10.9	6.70	3.65
0.31	0.08	0.05	0.08	0.04	0.28	2.22	37.2	74.0	27.1	11.2	1.71
0.55	0.28	0.23	0.29	0.21	0.53	1.49	6.10	8.60	5.21	3.35	1.31
0.58	-0.90	-0.49	-0.99	-0.63	2.04	0.79	1.16	0.87	1.26	1.27	1.08
0.23	0.14	0.14	0.21	0.16	0.36	0.55	0.69	0.54	0.48	0.50	0.36
4.15	3.29	2.75	2.34	2.15	2.54	4.59	15.0	27.1	18.5	11.3	6.18

10243260 LEHMAN CREEK NEAR BAKER, NV--CONTINUED

STATISTICS OF NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.93	3.93	1.98	1.31	0.40	-0.524

STATISTICS OF LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.35	0.23	0.21	0.13	0.10	0.16	0.38	0.85	1.14	1.00	0.78	0.54
0.01	0.00	0.00	0.01	0.01	0.02	0.06	0.10	0.07	0.04	0.04	0.02
0.10	0.07	0.06	0.10	0.08	0.13	0.23	0.32	0.26	0.20	0.20	0.15
-0.24	-1.17	-0.64	-1.49	-1.05	1.49	0.33	-0.44	-0.84	0.24	0.83	0.45
0.26	0.23	0.30	0.79	0.76	0.83	0.62	0.38	0.23	0.20	0.25	0.27
6.38	4.78	3.48	2.20	1.66	2.64	6.32	14.3	19.2	16.8	13.2	9.07

STATISTICS OF LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.67	0.03	0.16	0.27	0.25	-0.561

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1948	15.0	1950	16.0	1952	45.0	1954	21.0
1949	34.0	1951	16.0	1953	7.0	1955	27.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.2960	1.2960	
STANDARD DEVIATION	0.2498	0.2498	
SKEW COEFFICIENTS			
STATION	-0.4128	-0.4128	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	8	8	
PERIOD (YEARS)	8	8	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	3.6	4.5	2.3	1.3	7.7
0.9900	4.4	5.2	3.1	1.7	8.5
0.9500	7.2	7.7	6.2	3.2	11.6
0.9000	9.3	9.5	8.2	4.6	13.7
0.8000	12.4	12.2	11.3	6.9	17.1
0.5000	20.6	19.8	19.8	13.6	28.7
0.2000	32.3	32.1	34.5	22.8	56.8
0.1000	40.1	41.3	47.5	28.5	85.2
0.0400	49.6	54.1	69.7	35.5	133.6
0.0200	56.5	64.4	93.3	40.6	179.7
0.0100	63.2	75.3	124.3	45.8	235.3

10243700 CLEVE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'50", long 114°32'20", in NW¼ sec.34, T.16 N., R.66 E., White Pine County, Hydrologic Unit 16060008, on right bank 2 mi (3 km) downstream from North Fork, 4 mi (6 km) southwest of Cleveland Ranch headquarters, and 18 mi (29 km) east of Ely.

DRAINAGE AREA.--31.8 mi^2 (82.4 km^2).

REMARKS.--No diversion above station. Practically entire flow diverted for irrigation by Cleveland Ranch below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1960			26	53	42	12	9	24	20	27	27	3	2	5	1	2	5																		
1961			1	58	74	99	31	17	13	21	3	12	19	3	2	3	2	7																	
1962			8	12	37	73	64	29	9	12	7	9	8	4	3	7	10	16	14	5	7	7	2	11	5		6								
1963			1	1	3	12	79	91	38	15	22	5	17	6	5	5	5	19	11	12	1	1	1	1	1	2	2	2	6	1					
1964					4	8	41	11	8	73	32	21	7	3	8	7	1	9	6	8	4	1	2	2	4	4	3								
1965				4	16	36	45	45	55	33	20	26	10	4	6	3	16	7	7	7	7	4	6	8											
1966					30	51	37	53	98	23	12	14	6	20	12	7	2																		
1967					20	38	74	61	15	6	27	23	9	10	7	7	8	3	4	3	2	3	1	2	1	1	3	1	6	4	5	7	11	1	2

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	9.8	42	498	17.0	24	30	7	68	2.3
1	3.50	36	2922	100.0	13	11.0	54	456	15.6	25	33	12	61	2.0
2	3.80	124	2886	98.8	14	12.0	52	402	13.8	26	36	5	49	1.6
3	4.20	160	2762	94.5	15	13.0	35	350	12.0	27	40	7	44	1.5
4	4.60	383	2602	89.0	16	14.0	77	315	10.8	28	43	7	37	1.2
5	5.10	331	2219	75.9	17	16.0	41	238	8.1	29	48	4	30	1.0
6	5.60	354	1888	64.6	18	17.0	36	197	6.7	30	52	5	26	.8
7	6.10	364	1534	52.5	19	19.0	22	161	5.5	31	57	7	21	.7
8	6.70	316	1170	40.0	20	21.0	18	139	4.8	32	63	11	14	.4
9	7.40	129	854	29.2	21	23.0	12	121	4.1	33	69	1	3	.1
10	8.10	108	725	24.8	22	25.0	21	109	3.7	34	76	2	2	
11	8.90	119	617	21.1	23	27.0	20	88	3.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1961	3.50	1	3.50	1	3.50	1	3.60	1	3.70	1	3.80	1	4.10	1	4.30	1	4.30	1
1962	3.50	2	3.50	2	3.90	2	4.00	2	4.30	2	4.50	2	4.50	2	4.50	2	4.60	2
1963	3.50	3	4.10	3	4.60	3	4.90	3	5.10	4	5.20	4	5.50	4	5.60	4	5.60	4
1964	5.00	6	5.00	6	5.30	6	5.50	6	5.90	6	6.30	7	6.30	7	6.30	6	6.40	6
1965	4.30	4	4.60	4	4.90	4	5.20	5	5.40	5	5.60	5	5.80	5	5.90	5	6.00	5
1966	5.00	7	5.10	7	5.50	7	5.90	7	6.10	7	6.20	6	6.30	6	6.40	7	6.70	7
1967	4.80	5	4.80	5	4.90	5	4.90	4	5.00	3	5.10	3	5.20	3	5.20	3	5.40	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1960	12.0	8	12.0	8	12.0	8	10.0	8	8.8	8	7.7	8	7.1	8	6.7	8	6.0	8
1961	15.0	6	15.0	6	14.0	6	13.0	6	11.0	7	9.5	7	8.5	7	7.7	7	6.7	7
1962	35.0	4	35.0	4	34.0	3	30.0	3	27.0	2	21.0	2	19.0	2	17.0	2	13.0	2
1963	44.0	2	41.0	2	41.0	2	37.0	2	27.0	3	21.0	3	17.0	3	15.0	3	12.0	3
1964	35.0	3	35.0	3	32.0	4	29.0	4	24.0	4	18.0	5	15.0	5	13.0	5	11.0	5
1965	29.0	5	28.0	5	27.0	5	25.0	5	23.0	5	20.0	4	17.0	4	15.0	4	12.0	4
1966	14.0	7	14.0	7	13.0	7	12.0	7	12.0	6	11.0	6	10.0	6	9.2	6	8.2	6
1967	107.0	1	84.0	1	73.0	1	67.0	1	62.0	1	45.0	1	35.0	1	28.0	1	21.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
5.49	5.69	5.56	5.36	5.85	5.89	9.90	16.0	19.7	8.62	6.45	6.16
0.88	0.79	0.86	1.09	1.09	0.48	38.1	37.8	292	17.2	3.51	3.35
0.94	0.89	0.93	1.05	1.04	0.69	6.17	6.15	17.1	4.15	1.87	1.83
0.93	0.25	-0.31	-0.27	0.27	-0.49	2.30	0.40	1.98	1.71	0.43	0.33
0.17	0.16	0.17	0.20	0.18	0.12	0.62	0.38	0.87	0.48	0.29	0.30
5.46	5.65	5.52	5.32	5.81	5.85	9.84	15.9	19.5	8.56	6.40	6.12

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.38	6.76	2.60	0.83	0.31	0.136

10243700 CLEVE CREEK NEAR ELY, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.73	0.75	0.74	0.72	0.76	0.77	0.94	1.18	1.18	0.90	0.79	0.77
0.01	0.00	0.01	0.01	0.01	0.00	0.04	0.03	0.10	0.03	0.02	0.02
0.07	0.07	0.07	0.09	0.08	0.05	0.21	0.17	0.32	0.18	0.13	0.13
0.70	0.01	-0.39	-0.36	-0.18	-0.82	1.68	-0.10	0.66	0.78	-0.04	-0.10
0.10	0.09	0.10	0.12	0.10	0.07	0.22	0.15	0.27	0.21	0.16	0.17
7.18	7.33	7.22	7.05	7.43	7.50	9.23	11.5	11.5	8.78	7.75	7.54

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.91	0.02	0.13	0.02	0.15	0.285

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	44.0	1962	39.0	1967	125.0	1972	11.0
1915	30.0	1963	56.0	1968	37.0	1973	80.0
1916	32.0	1964	38.0	1969	90.0	1974	70.0
1960	13.0	1965	32.0	1970	100.0	1975	70.0
1961	56.0	1966	16.0	1971	42.0	1976	30.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6235	1.6235
STANDARD DEVIATION	0.2842	0.2842
SKEW COEFFICIENTS		
STATION	-0.4336	-0.4336
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	20	20
PERIOD (YEARS)	20	20

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	6.0	7.8	6.1	4.0	11.8
0.9900	7.5	9.2	7.6	4.9	13.5
0.9500	13.3	14.3	13.1	8.9	19.6
0.9000	17.7	18.2	17.1	12.0	24.1
0.8000	24.7	24.2	23.5	17.3	31.2
0.5000	44.1	42.0	42.0	32.7	53.9
0.2000	73.6	72.9	75.3	56.6	102.2
0.1000	93.8	97.2	103.5	73.3	146.7
0.0400	119.2	132.1	146.1	95.4	218.1
0.0200	137.8	161.1	186.1	112.8	282.9
0.0100	156.0	192.6	232.4	130.8	358.1

10243950 MILLICK CANYON TRIBUTARY NEAR CURRIE, NV

LOCATION.--Lat 40°13'30", long 114°26'10", near center of sec.8, T.27 N., R.67 E., Elko County, Hydrologic Unit 16060008, at culvert on Alternate U.S. Highway 50, 17 mi (27 km) east of Currie.

DRAINAGE AREA.--1.4 mi^2 (3.6 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	83.0	1970	0.1	1973	80.0	1975	0
1968	24.0	1971	20.0	1974	0	1976	0
1969	19.0	1972	0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.7159 S	0.2088 S
STANDARD DEVIATION	3.0156 S	1.1151 S
SKEW COEFFICIENTS		
STATION	-2.0494	-2.0494
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6000	0.6000
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	10	10

S - SYNTHETIC

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	1.7	1.7	1.7	0.4	7.2
0.2000	40.7	14.2	18.2	3.6	120.7
0.1000	88.0	42.2	67.6	9.4	599.8
0.0400	132.5	132.5	288.3	24.2	3440.5
0.0200	150.2	274.6	848.5	43.3	10700.5
0.0100	159.5	525.6	2407.4	72.0	29674.9

10244240 CLOVER VALLEY TRIBUTARY NEAR ARTHUR, NV

LOCATION.--Lat 40°33'35", long 114°57'40", in SE¼SW¼ sec.15, T.31 N., R.62 E., Elko County, Hydrologic Unit 16060007, at culvert on U.S. Highway 93, 21 mi (34 km) southeast of Arthur.

DRAINAGE AREA.--3 mi^2 (8 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	0	1971	7.0	1973	43.0	1975	16.0
1969	3.0	1972	0	1974	13.0	1976	42.0
1970	6.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.9374 S	0.9249 S
STANDARD DEVIATION	0.4939 S	0.5160 S
SKEW COEFFICIENTS		
STATION	0.0478	0.0478
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7778	0.7778
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	8.6	8.6	8.6	4.2	17.6
0.2000	22.5	23.0	26.1	11.8	67.4
0.1000	37.4	38.1	48.5	18.4	145.4
0.0400	64.6	64.6	98.2	28.4	336.7
0.0200	92.1	90.5	162.1	37.1	581.0
0.0100	127.0	122.2	271.3	46.8	949.0

10244360 DIXIE VALLEY TRIBUTARY NEAR EASTGATE, NV

LOCATION.--Lat 39°17'30", long 117°59'00", in SE¼ sec.36, T.17 N., R.35 E., Churchill County, Hydrologic Unit 16060001, at culvert on U.S. Highway 50, 2 mi (3 km) east of junction with State Highway 23, 6 mi (10 km) west of Eastgate.

DRAINAGE AREA.--11 mi^2 (28 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	1480.0	1965	1300.0	1969	80.0	1973	30.0
1962	44.0	1966	0.3	1970	2.0	1974	0.3
1963	50.0	1967	0.8	1971	17.0	1975	440.0
1964	15.0	1968	4.0	1972	37.0	1976	5.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.2553	1.2553	
STANDARD DEVIATION	1.1480	1.1480	
SKEW COEFFICIENTS			
STATION	0.0776	0.0776	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	16	16	
PERIOD (YEARS)	16	16	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.0	0.0	0.0	0.0	0.2
0.9500	0.2	0.2	0.1	0.0	0.9
0.9000	0.6	0.6	0.4	0.1	2.1
0.8000	1.9	1.9	1.7	0.4	6.1
0.5000	17.4	18.0	18.0	5.8	56.3
0.2000	164.8	166.5	196.0	53.5	805.4
0.1000	544.1	532.7	731.7	151.0	3678.9
0.0400	1974.3	1841.1	3036.4	433.1	19586.8
0.0200	4576.0	4102.0	8301.9	840.3	58744.9
0.0100	9800.8	8432.3	23386.1	1512.6	159082.6

10244460 RAWHIDE FLAT TRIBUTARY NEAR SCHURZ, NV

LOCATION.--Lat 39°08'40", long 118°44'55", in S½SW¼ sec.21, T.15 N., R.29 E., Churchill County, Hydrologic Unit 16060002, at culvert on U.S. Highway 95, 14 mi (23 km) north of Schurz.

DRAINAGE AREA.--0.96 mi^2 (2.49 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	0.2	1970	1.0	1973	0.5	1975	0
1968	0	1971	0	1974	0	1976	9.0
1969	38.6	1972	1.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.4223 S	-0.5592 S
STANDARD DEVIATION	1.0545 S	1.2767 S
SKEW COEFFICIENTS		
STATION	0.7869	0.7869
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6000	0.6000
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	10	10

S - SYNTHETIC

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.3	0.3	0.3	0.1	1.4
0.2000	2.5	3.3	4.4	0.7	37.7
0.1000	9.7	11.9	21.1	2.1	253.4
0.0400	47.4	47.4	122.7	6.6	2088.2
0.0200	143.9	115.5	467.6	13.5	8375.6
0.0100	414.0	257.5	1738.2	25.2	29567.9

10244480 GABBS VALLEY TRIBUTARY NEAR GABBS, NV

LOCATION.--Lat 38°59'45", long 117°59'45", in sec.13, T.13 N., R135 E., Nye County, Hydrologic Unit 16060002, at culvert on State Highway 23, 9 mi (14 km) northwest of Gabbs.

DRAINAGE AREA.--7 mi^2 (18 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	140.0	1970	860.0	1973	0	1975	208.0
1968	148.0	1971	16.0	1974	0	1976	135.0
1969	145.0	1972	51.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.9325 S	1.9577 S
STANDARD DEVIATION	0.5668 S	0.5216 S
SKEW COEFFICIENTS		
STATION	-0.2669	-0.2669
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8000	0.8000
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	29.1	33.0	0.0	12.2	62.7
0.5000	90.7	90.7	90.7	46.1	178.6
0.2000	260.2	249.3	281.3	131.3	676.6
0.1000	437.3	422.8	533.1	209.2	1473.0
0.0400	742.7	742.7	1095.3	332.8	3487.1
0.0200	1032.5	1068.8	1892.2	444.5	6150.8
0.0100	1377.0	1482.8	3235.4	573.7	10297.8

10244720 FRANKLIN RIVER NEAR ARTHUR, NV

LOCATION.--Lat 40°49'25", long 115°08'10", in SE¼SW¼ sec.18, T.34 N., R.61 E., Elko County, Hydrologic Unit 16060007, in Humboldt National Forest, on right bank 1 mi (2 km) above Horse Creek and 3.5 mi (5.6 km) northeast of Arthur.

DRAINAGE AREA.--10.3 mi^2 (26.7 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1965							14	12	21	35	46	20	14	21	25	18	18	11	6	7	3	1	6	12	10	7	20	15	3	3	8	6	3		
1966		4	40		10	10	11	57	42	55	32	9	3	3	4	2	7	6	7	11	12	8	7	11	5	1	2	6							
1967					10	65	64	44	25	6	6	5	11	6	8	24	11	4	1	5	4	10	3	2	2	2	7	17	7	7	4	4	1		
1968					2	36	42	99	18	15	16	19	13	9	14	8	4	2	7	7	12	5	6	2	2	6	8	8	6						
1969					7	34	23	80	57	28	5	2	3	1	7	4	3	3	5	2	8	8	24	8	6	7	14	3	3	7	8	5			
1970						1	1	12	45	56	29	16	23	14	33	21	11	6	6	3	6	4	11	9	2	8	11	7	7	7	9	7			
1971								14	31	36	36	27	20	15	19	19	5	8	5	6	8	9	18	9	11	3	4	8	8	15	8	10	13		
1972							2	20	19	9	42	99	20	11	1	4	5	2	26	25	7	10	10	4	4	8	15	7	12	4					
1973						2	10	48	75	48	31	7	9	16	7	3	7	8	7	10	3	4	2	8	8	13	3	5	9	8	2	7	3	2	
1974						16	10	58	60	40	28	5	3	5	15	17	8	4	2	9	8	6	6	7	6	13	9	8	17	3	2				
1975						19	11	42	58	38	47	10	9	4	3	5	8	7	14	5	5	2	2	3	2	4	5	8	10	10	11	9	8	4	2
1976		2	3	1	4	3	6	30	48	32	42	31	27	20	10	9	6	8	6	9	4	9	7	8	2	4	10	12	4	7	2				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4383	100.0	12	4.0	155	1897	43.3	24	26	60	643	14.6
1	0.70	6	4383	100.0	13	4.6	125	1742	39.7	25	30	76	583	13.3
2	0.80	43	4377	99.9	14	5.4	146	1617	36.9	26	35	108	507	11.5
3	1.00	1	4334	98.9	15	6.3	134	1471	33.6	27	41	104	399	9.1
4	1.10	33	4333	98.9	16	7.4	93	1337	30.5	28	48	86	295	6.7
5	1.30	186	4300	98.1	17	8.6	69	1244	28.4	29	56	71	209	4.7
6	1.60	194	4114	93.9	18	10.0	92	1175	26.8	30	66	54	138	3.1
7	1.80	516	3920	89.4	19	12.0	99	1083	24.7	31	77	48	84	1.9
8	2.10	499	3404	77.7	20	14.0	80	984	22.5	32	90	28	36	.8
9	2.50	398	2905	66.3	21	16.0	76	904	20.6	33	110	6	8	.1
10	2.90	360	2507	57.2	22	19.0	102	828	18.9	34	120	2	2	
11	3.40	250	2147	49.0	23	22.0	83	726	16.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1966	1.70	7	1.70	7	1.80	7	1.80	7	1.80	6	1.90	6	2.00	6	2.20	6	2.40	5
1967	0.78	1	0.77	1	0.78	1	0.82	1	0.87	1	0.97	1	1.10	1	1.20	1	1.40	1
1968	1.40	5	1.40	5	1.50	5	1.50	5	1.60	5	1.70	4	1.80	3	1.80	2	1.90	2
1969	1.10	2	1.30	4	1.30	3	1.30	2	1.50	4	1.70	5	1.80	4	1.90	3	2.00	3
1970	1.10	3	1.20	2	1.20	2	1.30	3	1.40	2	1.60	2	2.00	5	2.10	5	2.40	6
1971	1.80	10	1.80	9	2.00	10	2.00	8	2.10	9	2.60	10	2.90	10	2.80	10	3.80	11
1972	2.00	11	2.10	11	2.20	11	2.40	11	2.70	11	3.20	11	3.30	11	3.30	11	3.40	10
1973	1.70	8	1.70	8	1.80	8	2.00	9	2.10	10	2.20	9	2.20	7	2.30	7	2.50	8
1974	1.50	6	1.50	6	1.60	6	1.70	6	1.90	7	2.00	7	2.20	8	2.40	8	2.40	7
1975	1.30	4	1.30	3	1.40	4	1.40	4	1.50	3	1.60	3	1.70	2	1.90	4	2.20	4
1976	1.80	9	1.90	10	2.00	9	2.00	10	2.00	8	2.20	8	2.50	9	2.80	9	3.20	9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1965	103.0	5	99.0	4	91.0	4	80.0	4	66.0	4	52.0	3	44.0	3	36.0	3	26.0	3
1966	47.0	12	45.0	12	43.0	12	35.0	12	29.0	12	22.0	12	17.0	12	14.0	12	9.8	12
1967	105.0	4	85.0	5	73.0	7	60.0	7	56.0	7	46.0	6	35.0	7	28.0	7	19.0	9
1968	49.0	11	48.0	11	47.0	11	42.0	11	39.0	11	28.0	11	21.0	11	17.0	11	12.0	11
1969	86.0	6	82.0	7	78.0	5	73.0	6	61.0	6	46.0	7	37.0	6	31.0	6	21.0	6
1970	86.0	7	85.0	6	78.0	6	76.0	5	62.0	5	52.0	4	40.0	4	32.0	4	23.0	4
1971	107.0	3	104.0	3	102.0	2	97.0	2	80.0	1	72.0	1	57.0	1	47.0	1	33.0	1
1972	61.0	10	60.0	10	56.0	10	52.0	10	47.0	10	38.0	9	31.0	9	26.0	9	19.0	7
1973	119.0	2	114.0	2	101.0	3	87.0	3	71.0	3	52.0	5	40.0	5	32.0	5	22.0	5
1974	74.0	8	68.0	8	61.0	9	54.0	9	50.0	8	42.0	8	33.0	8	27.0	8	19.0	8
1975	138.0	1	123.0	1	116.0	1	98.0	1	79.0	2	72.0	2	57.0	2	45.0	2	31.0	2
1976	67.0	9	64.0	9	63.0	8	56.0	8	49.0	9	37.0	10	29.0	10	23.0	10	16.0	10

10244720 FRANKLIN RIVER NEAR ARTHUR, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.51	2.78	2.71	2.69	3.11	4.82	12.4	42.6	44.9	17.0	3.68	2.19
0.65	0.75	0.46	1.80	2.28	6.43	34.9	189	453	188	4.68	0.58
0.81	0.87	0.68	1.34	1.51	2.54	5.91	13.7	21.3	13.7	2.16	0.76
0.37	1.27	0.69	1.97	0.94	1.94	0.54	0.23	0.12	1.69	1.16	0.07
0.32	0.31	0.25	0.50	0.49	0.53	0.48	0.32	0.47	0.81	0.59	0.35
1.77	1.97	1.92	1.91	2.20	3.41	8.75	30.1	31.8	12.0	2.61	1.55

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.8	13.2	3.64	0.28	0.31	-0.086

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.38	0.43	0.42	0.39	0.45	0.64	1.04	1.61	1.59	1.10	0.50	0.31
0.02	0.02	0.01	0.03	0.04	0.04	0.05	0.02	0.08	0.13	0.06	0.03
0.14	0.13	0.11	0.18	0.20	0.19	0.23	0.15	0.28	0.36	0.25	0.16
-0.09	0.39	0.20	0.99	0.54	0.77	-0.44	-0.61	-1.52	-0.39	-0.01	-0.45
0.38	0.30	0.25	0.46	0.44	0.30	0.22	0.09	0.17	0.33	0.50	0.52
4.27	4.80	4.75	4.42	5.07	7.22	11.8	18.1	17.9	12.4	5.66	3.54

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.05	0.02	0.14	-0.54	0.14	-0.085

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	145.0	1968	68.0	1971	146.0	1974	88.0
1966	56.0	1969	114.0	1972	81.0	1975	197.0
1967	152.0	1970	124.0	1973	140.0	1976	85.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0385	2.0385
STANDARD DEVIATION	0.1641	0.1641
SKEW COEFFICIENTS		
STATION	-0.3090	-0.3090
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	37.0	39.8	30.2	22.1	54.1
0.9900	41.7	44.1	35.7	25.8	58.5
0.9500	56.9	58.1	52.9	38.7	73.0
0.9000	66.6	67.1	62.9	47.6	82.3
0.8000	80.1	79.7	77.1	60.6	95.9
0.5000	111.4	109.9	109.9	90.9	133.3
0.2000	150.8	150.4	155.0	125.0	198.1
0.1000	174.8	176.6	187.1	144.0	247.7
0.0400	203.1	209.0	229.1	165.8	315.9
0.0200	222.7	232.6	266.5	180.8	369.9
0.0100	241.4	256.0	306.2	195.1	426.2

10244745 OVERLAND CREEK NEAR RUBY VALLEY, NV

LOCATION.--Lat 40°27'30", long 115°23'30", in SE¼SE¼ sec.23, T.30 N., R.58 E., Elko County, Hydrologic Unit 16060007, on left bank at mouth of canyon, 0.1 mi (0.2 km) upstream from Humboldt National Forest boundary, 2.2 mi (3.5 km) north of Ruby Valley Post Office, and 32 mi (51 km) southeast of Elko.

DRAINAGE AREA.--9 mi^2 (23 km^2), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																NUMBER OF DAYS IN CLASS																			
1960					15	41	45	33	35	31	19	7	3	9	7	2	4	7	6	8	4	4	5	21	16	5	6	2	12	7	4	8				
1961						6	60	28	61	58	6	8	10	15	3	4	5	2	8	8	10	12	3	8	13	4	3	7	12	5	4	2				
1962							18	62	56	38	9	12	7	12	6	6	4	7	5	2	7	6	5	9	4	4	22	11	12	12	8	9	6	1	4	1
1963					7	9	79	37	49	21	11	10	22	5	4	6	5	6	6	4	2	4	3	16	9	11	7	8	10	12	2				
1964				8	9	23	72	47	41	17	4	3	8	9	7	7	6	12	7	10	3	5	3	6	3	5	3	14	11	6	8	9			
1965					1	7	14	9	22	22	17	8	7	15	24	37	22	16	12	13	5	3	5	9	10	9	15	16	18	8	5	7	6	3	
1966		3	12	18	9	6	4	12	50	47	41	34	14	7	8	3	5	3	4	10	8	11	17	11	11	9	2	2	2	2					
1967				7	11	78	47	13	17	9	14	16	13	12	16	26	9	2	3	1	2	3	5	4	2	7	10	5	10	8	2	5	4	4	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	3.5	100	1259	43.1	24	24	48	471	16.1
1	0.60	3	2922	100.0	13	4.1	64	1159	39.7	25	28	72	423	14.4
2	0.70	12	2919	99.9	14	4.8	71	1095	37.5	26	33	57	351	12.0
3	0.80	48	2907	99.5	15	5.6	92	1024	35.0	27	38	81	294	10.0
4	1.00	84	2859	97.8	16	6.6	63	932	31.9	28	45	75	213	7.2
5	1.10	246	2775	95.0	17	7.8	58	869	29.7	29	53	52	138	4.7
6	1.30	339	2529	86.6	18	9.1	50	811	27.8	30	62	36	86	2.9
7	1.60	270	2190	74.9	19	11.0	59	761	26.0	31	73	27	50	1.7
8	1.80	306	1920	65.7	20	13.0	42	702	24.0	32	86	11	23	.7
9	2.20	150	1614	55.2	21	15.0	39	660	22.6	33	100	11	12	.4
10	2.50	114	1464	50.1	22	17.0	71	621	21.3	34	120	1	1	
11	3.00	91	1350	46.2	23	20.0	79	550	18.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1961	0.91	3	0.90	3	0.97	3	0.99	2	1.00	2	1.10	2	1.30	2	1.40	2	1.50	2
1962	1.10	6	1.20	6	1.20	6	1.20	5	1.20	4	1.20	3	1.30	3	1.40	3	1.50	3
1963	1.00	4	1.00	4	1.10	4	1.20	6	1.30	5	1.40	5	1.50	5	1.60	5	2.10	5
1964	0.81	2	0.84	2	0.87	2	0.99	3	1.10	3	1.20	4	1.30	4	1.40	4	1.50	4
1965	1.00	5	1.10	5	1.10	5	1.20	4	1.30	6	1.60	6	1.80	6	2.00	6	3.80	7
1966	1.60	7	1.70	7	1.70	7	1.80	7	1.80	7	1.90	7	2.10	7	2.30	7	2.40	6
1967	0.61	1	0.64	1	0.67	1	0.72	1	0.77	1	0.89	1	1.00	1	1.00	1	1.10	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1960	72.0	5	72.0	5	67.0	5	55.0	5	47.0	6	38.0	6	31.0	6	25.0	6	18.0	5
1961	68.0	6	63.0	6	57.0	7	49.0	7	44.0	7	33.0	7	26.0	7	21.0	7	14.0	7
1962	124.0	1	118.0	1	106.0	1	90.0	1	76.0	1	58.0	2	49.0	2	41.0	2	28.0	2
1963	66.0	7	63.0	7	59.0	6	52.0	6	49.0	5	41.0	5	33.0	5	26.0	5	18.0	6
1964	82.0	4	79.0	4	76.0	4	67.0	4	61.0	3	51.0	4	39.0	3	31.0	3	21.0	3
1965	108.0	3	103.0	3	96.0	3	87.0	2	73.0	2	59.0	1	51.0	1	43.0	1	31.0	1
1966	59.0	8	55.0	8	47.0	8	37.0	8	32.0	8	25.0	8	21.0	8	17.0	8	12.0	8
1967	110.0	2	105.0	2	97.0	2	79.0	3	57.0	4	52.0	3	38.0	4	30.0	4	21.0	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
HY RO*S (MEAN*VARIANCE*STANDARD DEVIATION*SKEWNESS*COEFF. OF VARIATION*PERCENTAGE OF AVERAGE VALUE)											
1.67	1.78	2.35	2.03	2.70	3.67	13.2	38.6	45.9	16.9	4.19	1.60
0.25	0.30	5.48	2.23	2.65	2.36	56.0	37.1	370	114	9.20	0.36
0.56	0.55	2.34	1.49	1.63	1.53	7.48	6.09	19.2	10.7	3.03	0.60
0.99	0.94	2.55	2.47	1.48	0.72	0.38	0.48	-0.23	0.48	1.79	0.78
0.30	0.31	1.00	0.74	0.60	0.42	0.57	0.16	0.42	0.63	0.72	0.38
1.24	1.33	1.75	1.51	2.00	2.73	9.83	28.7	34.1	12.5	3.11	1.19

10244745 OVERLAND CREEK NEAR RUBY VALLEY, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.2	12.4	3.52	0.84	0.31	-0.430

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.21	0.23	0.26	0.24	0.37	0.53	1.05	1.58	1.61	1.13	0.54	0.18
0.02	0.02	0.08	0.05	0.05	0.03	0.08	0.00	0.06	0.11	0.08	0.03
0.12	0.13	0.29	0.23	0.23	0.18	0.28	0.07	0.24	0.33	0.29	0.17
0.55	0.41	1.90	1.67	0.91	-0.03	-0.29	0.30	-1.63	-0.55	0.38	-0.23
0.60	0.55	1.12	0.97	0.61	0.35	0.26	0.04	0.15	0.30	0.53	0.94
2.61	2.95	3.26	3.02	4.71	6.69	13.2	19.9	20.3	14.2	6.76	2.23

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.03	0.02	0.13	0.32	0.13	-0.446

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1960	104.0	1965	140.0	1969	92.0	1973	225.0
1961	91.0	1966	68.0	1970	105.0	1974	180.0
1962	152.0	1967	110.0	1971	125.0	1975	180.0
1963	116.0	1968	45.0	1972	70.0	1976	90.0
1964	97.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.0368	2.0368	
STANDARD DEVIATION	0.1731	0.1731	
SKEW COEFFICIENTS			
STATION	-0.2297	-0.2297	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	17	17	
PERIOD (YEARS)	17	17	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	35.8	39.0	32.7	24.6	51.1
0.9900	40.3	43.1	37.3	28.2	55.4
0.9500	55.1	56.5	53.0	40.8	69.4
0.9000	64.7	65.3	62.4	49.4	78.6
0.8000	78.2	77.8	76.1	61.9	91.9
0.5000	110.5	108.9	108.9	92.2	128.5
0.2000	152.8	152.2	155.8	128.9	191.3
0.1000	179.5	181.4	189.8	150.8	239.9
0.0400	211.7	218.7	234.9	176.8	307.7
0.0200	234.8	246.8	273.0	195.5	362.3
0.0100	257.1	275.1	317.3	213.7	420.2

10244950 STEPTOE CREEK NEAR ELY, NV

LOCATION.--Lat 39°12'05", long 114°41'15", in SW¼SW¼ sec.32, T.16 N., R.65 E., White Pine County, Hydrologic Unit 16060008, in Humboldt National Forest, on left bank 0.1 mi (0.2 km) downstream from Clear Creek, 0.8 mi (1.3 km) upstream from Cave Creek, and 11 mi (18 km) east-southeast of Ely.

DRAINAGE AREA.--11.1 mi^2 (28.7 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967		30	72	40	21	35	12	8	1		1		2	5	6	15	20	2	13	2		4	4	11	11	6	6	2	2	2	4	11	17		
1968								8	76	10	38	29	43	40	25	15	18	12	11	2	3	3	9	22	2										
1969						1	10	30	43	36	9	19	31	1	1	6	17	12	13	5	3	10	13	16	2	5	5	4	9	12	11	22	11	6	2
1970								8	20	57	37	62	26	31	20	26	22	7	16	29	4														
1971					1	16	45	67	32	17	7	7	7	19	14	7	12	9	13	2	7	6	4	22	15	5	6	4	5	14	2				
1972								7	29	76	92	36	31	35	17	13	6	14	10																
1973			2	7	51	32	30	19	49	2		1	15	12	10	9	5	7	10	3	3	5	7	13	5	6	7	3	7	5	3	14	9	9	4
1974								20	44	111	82	20	23	11	6	9	12	11	14	2															
1975		2	1	2	2	26	98	39	35	3	4	2		1	12	11	12	10	8	3	4	6	4	8	3	3	13	8	7	6	10	5	5	11	1
1976					1		2	12	61	74	43	44	53	20	26	9	13	3	5																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	5.3	236	1561	42.7	24	15	38	347	9.4
1	2.00	32	3653	100.0	13	5.8	164	1325	36.3	25	16	25	309	8.4
2	2.30	75	3621	99.1	14	6.3	143	1161	31.8	26	17	37	284	7.7
3	2.50	49	3546	97.1	15	6.8	116	1018	27.9	27	19	21	247	6.7
4	2.70	76	3497	95.7	16	7.4	122	902	24.7	28	20	30	226	6.1
5	2.90	110	3421	93.6	17	8.1	96	780	21.4	29	22	39	196	5.3
6	3.20	205	3311	90.6	18	8.8	126	684	18.7	30	24	30	157	4.2
7	3.50	230	3106	85.0	19	9.6	23	558	15.3	31	26	52	127	3.4
8	3.80	427	2876	78.7	20	10.0	20	535	14.6	32	29	42	75	2.0
9	4.10	366	2449	67.0	21	11.0	35	515	14.1	33	31	26	33	.9
10	4.50	338	2083	57.0	22	12.0	41	480	13.1	34	34	7	7	.1
11	4.90	184	1745	47.8	23	13.0	92	439	12.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1		3		7		14		30		60		90		120		183	
1968	2.80	5	2.90	4	3.00	3	3.00	3	3.10	3	3.90	7	3.90	5	4.10	5	4.70	6
1969	3.00	7	3.30	7	3.30	7	3.40	6	3.40	5	3.60	4	3.70	4	3.80	4	4.30	4
1970	3.40	8	3.50	8	3.50	8	3.60	7	3.70	7	3.90	5	4.00	6	4.20	6	4.90	9
1971	2.70	4	2.90	5	3.00	4	3.00	4	3.10	4	3.20	3	3.30	3	3.40	3	3.60	3
1972	3.60	9	3.60	9	3.70	9	3.70	8	3.80	8	4.00	8	4.10	7	4.30	9	4.70	7
1973	2.40	2	2.60	2	2.70	1	2.70	1	2.80	1	2.80	1	2.90	1	3.00	1	3.30	1
1974	2.40	3	2.70	3	3.10	5	3.80	9	3.90	9	4.10	9	4.20	9	4.20	7	4.40	5
1975	2.20	1	2.30	1	2.70	2	3.00	2	3.10	2	3.10	2	3.10	2	3.20	2	3.40	2
1976	2.90	6	3.00	6	3.10	6	3.30	5	3.60	6	3.90	6	4.10	8	4.30	8	4.80	8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN

YEAR	1		3		7		15		30		60		90		120		183	
1967	30.0	4	30.0	4	29.0	4	29.0	4	28.0	4	23.0	4	19.0	4	16.0	4	12.0	4
1968	15.0	6	15.0	6	14.0	6	13.0	6	13.0	6	11.0	6	10.0	6	9.2	6	7.9	6
1969	34.0	3	34.0	1	33.0	2	31.0	3	30.0	2	27.0	1	24.0	1	21.0	1	17.0	1
1970	9.9	7	9.9	7	9.6	7	9.3	7	9.0	7	8.6	7	7.7	7	7.0	7	6.0	7
1971	24.0	5	24.0	5	23.0	5	23.0	5	21.0	5	18.0	5	16.0	5	14.0	5	11.0	5
1972	9.0	10	9.0	10	8.9	10	8.8	8	8.5	9	7.6	9	6.9	9	6.4	9	5.8	8
1973	35.0	1	34.0	2	34.0	1	33.0	1	31.0	1	26.0	2	22.0	2	19.0	2	15.0	2
1974	9.8	8	9.5	8	9.4	8	8.7	9	8.7	8	7.9	8	7.0	8	6.5	8	5.7	9
1975	34.0	2	33.0	3	32.0	3	31.0	2	29.0	3	24.0	3	21.0	3	18.0	3	14.0	3
1976	9.5	9	9.3	9	8.9	9	8.3	10	7.7	10	6.8	10	6.3	10	5.9	10	5.3	10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.95	4.46	3.97	3.68	3.54	3.67	5.41	12.8	15.5	10.9	6.91	5.51
1.84	1.12	0.64	0.53	0.36	0.32	8.54	63.5	82.6	38.9	7.19	2.58
1.36	1.06	0.80	0.73	0.60	0.57	2.92	7.97	9.09	6.24	2.68	1.61
-0.39	-0.48	-0.59	-0.70	-1.16	-0.35	2.60	1.25	0.22	0.49	-0.04	-0.05
0.27	0.24	0.20	0.20	0.17	0.15	0.54	0.62	0.59	0.57	0.39	0.29
6.09	5.49	4.89	4.53	4.36	4.51	6.66	15.7	19.1	13.4	8.51	6.79

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.00	3.78	1.94	0.69	0.28	-0.739

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.68	0.64	0.59	0.56	0.54	0.56	0.69	1.04	1.11	0.96	0.81	0.72
0.02	0.01	0.01	0.01	0.01	0.00	0.03	0.06	0.09	0.07	0.03	0.02
0.13	0.11	0.10	0.09	0.08	0.07	0.17	0.24	0.29	0.27	0.18	0.13
-0.88	-0.93	-0.94	-0.96	-1.42	-0.58	1.76	0.83	-0.34	-0.22	-0.36	-0.42
0.20	0.18	0.16	0.17	0.15	0.12	0.25	0.23	0.27	0.28	0.23	0.19
7.62	7.16	6.63	6.26	6.09	6.29	7.81	11.7	12.5	10.8	9.06	8.13

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.83	0.01	0.12	0.35	0.14	-0.795

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	32.0	1970	10.0	1973	36.0	1975	34.0
1968	26.0	1971	24.0	1974	10.0	1976	9.8
1969	34.0	1972	9.3				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.2879	1.2879
STANDARD DEVIATION	0.2621	0.2621
SKEW COEFFICIENTS		
STATION	-0.3482	-0.3482
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	3.4	4.1	2.4	1.4	6.8
0.9900	4.1	4.8	3.2	1.8	7.7
0.9500	6.8	7.2	6.1	3.4	10.6
0.9000	8.8	9.0	8.0	4.8	12.8
0.8000	11.8	11.7	11.0	7.1	16.1
0.5000	20.1	19.4	19.4	13.8	27.3
0.2000	32.5	32.3	34.3	23.4	53.3
0.1000	41.0	42.1	47.3	29.5	78.8
0.0400	51.8	55.8	67.9	37.3	121.4
0.0200	59.7	67.0	89.3	43.1	161.5
0.0100	67.6	79.0	117.0	49.0	209.3

10245080 NELSON CREEK TRIBUTARY NEAR CURRIE, NV

LOCATION.--Lat 40°18'00", long 114°46'20", in SE¼ sec.17, T.28 N., R.64 E., Elko County, Hydrologic Unit 16060008, at culvert on former U.S. Highway 93, 2.5 mi (4.0 km) northwest of Currie.

DRAINAGE AREA.--0.7 mi^2 (1.8 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	40.0	1965	22.0	1969	0.2	1973	0
1962	0	1966	0	1970	10.0	1974	0
1963	0	1967	0	1971	0.1	1975	0.1
1964	5.0	1968	0	1972	0.2	1976	36.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-1.1369 S	-1.1339 S
STANDARD DEVIATION	1.8225 S	1.8170 S
SKEW COEFFICIENTS		
STATION	-0.1098	-0.1098
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5625	0.5625
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.1	0.1	0.1	0.0	0.5
0.2000	2.5	2.5	3.2	0.4	30.8
0.1000	15.0	14.9	24.1	2.0	313.2
0.0400	96.3	96.3	202.5	10.0	3854.1
0.0200	314.6	315.9	889.3	26.7	19595.6
0.0100	901.6	909.9	3992.1	63.5	84387.9

10245270 DRY LAKE VALLEY TRIBUTARY NEAR CALIENTE, NV

LOCATION.--Lat 37°37'18", long 114°46'24", in NE¼ sec.11, T.4 S., R.64 E., Lincoln County, Hydrologic Unit 16060009, at culvert on U.S. Highway 93, 14.5 mi (23.3 km) west of Caliente.

DRAINAGE AREA.--11 mi^2 (28 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	156.0	1970	1.0	1973	0	1975	15.0
1968	120.0	1971	0.6	1974	110.0	1976	150.0
1969	2.0	1972	4.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.0072 S	1.0395 S
STANDARD DEVIATION	1.0610 S	1.0034 S
SKEW COEFFICIENTS		
STATION	-0.1832	-0.1832
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9000	0.9000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.4	0.6	0.0	0.1	2.2
0.8000	1.3	1.6	1.2	0.2	5.4
0.5000	11.0	11.0	11.0	3.0	40.3
0.2000	81.0	76.6	96.6	22.3	522.7
0.1000	221.0	211.5	330.5	54.6	2334.7
0.0400	625.3	625.3	1320.4	133.5	12251.1
0.0200	1204.0	1259.5	3779.3	232.9	36500.7
0.0100	2146.5	2364.5	10606.5	380.6	98365.9

10245450 ILLIPAH CREEK TRIBUTARY NEAR HAMILTON, NV

LOCATION.--Lat 39°21'35", long 115°21'05", in NW¼NE¼ sec.8, T.17 N., R.59 E., White Pine County, Hydrologic Unit 16060007, at culvert on U.S. Highway 50, 100 ft (30 m) upstream from Illipah Creek, 10.5 mi (16.9 km) northeast of Hamilton.

DRAINAGE AREA.--5.47 mi^2 (14.17 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	3.0	1970	287.0	1974	2.0
1963	25.0	1967	15.0	1971	35.0	1975	1.0
1964	30.0	1968	100.0	1972	22.0	1976	5.0
1965	20.0	1969	20.0	1973	20.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.1390 S	1.1517 S
STANDARD DEVIATION	0.6761 S	0.6534 S
SKEW COEFFICIENTS		
STATION	-0.1136	-0.1136
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9333	0.9333
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	1.8	2.1	0.0	0.7	4.3
0.8000	3.8	4.0	3.6	1.6	7.8
0.5000	14.2	14.2	14.2	7.2	27.8
0.2000	51.4	50.3	55.6	25.9	128.4
0.1000	99.3	97.5	118.3	46.6	308.3
0.0400	197.6	197.6	267.3	84.7	809.4
0.0200	306.1	311.7	481.3	123.3	1526.3
0.0100	451.9	469.8	877.8	172.0	2713.4

10245800 NEWARK VALLEY TRIBUTARY NEAR HAMILTON, NV

LOCATION.--Lat 39°25'00", long 115°37'52", in S½NE¼ sec.23, T.18 N., R.56 E., White Pine County, Hydrologic Unit 16060006, on left bank above culvert on U.S. Highway 50, 3.5 mi (5.6 km) east of Pancake Summit, 14 mi (23 km) northwest of Hamilton, and 19 mi (31 km) east of Eureka.

DRAINAGE AREA.--157 mi^2 (407 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1963	359							3		1		1		1																					
1964	363							1	1	1																									
1965	357							3	1		2						1							1												
1966	352		1			1		4	1				1	1		1	1	1				1													
1967	356							5	2				1			1																			
1968	361							1							1				1		1							1							
1969	328							4	4	3	1	2			2	1	1	3	5	2		1			1	1			1		3	2			
1970	360							1			2								1				1												
1971	343							5	5	2		2		1					1		1		1	1		1		1			1				
1972	363								1	1									1																
1973	351							5	3	1	1	1	1	1	1																				
1974	364											1																							
1975	348		1			1		6				1	1			2	1				1	1			1	1									
1976	351							4	2	1	2	1		1	1		1	1	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4956	5114	100.0	12	0.6	4	65	1.3	24	9	2	13	.2
1	0.02	0	158	3.1	13	0.8	5	61	1.2	25	12	2	11	.2
2	0.03	2	158	3.1	14	1.0	5	56	1.1	26	15		9	.1
3	0.04	0	156	3.1	15	1.2	5	51	1.0	27	19	1	9	.1
4	0.06	0	156	3.1	16	1.5	5	46	0.9	28	25	1	8	.1
5	0.07	2	156	3.1	17	1.9	5	41	0.8	29	31	1	7	.1
6	0.09	0	154	3.0	18	2.4	10	36	0.7	30	39		6	.1
7	0.10	42	154	3.0	19	3.1	2	26	0.5	31	49	4	6	.1
8	0.20	20	112	2.2	20	3.9	3	24	0.5	32	62	2	2	
9	0.30	10	92	1.8	21	4.9	3	21	0.4	33				
10	0.40	8	82	1.6	22	6.1	2	18	0.4	34				
11	0.50	9	74	1.4	23	7.7	3	16	0.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1964	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1965	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1966	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.01 9
1967	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3
1968	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4
1969	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.01 10
1970	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 5
1971	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.06 13
1972	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 6
1973	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.02 11
1974	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 7
1975	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 8
1976	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.03 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1963	0.9 12	0.4 12	0.2 12	0.1 12	0.0 12	0.0 12	0.0 12	0.0 11	0.0 11
1964	0.3 14	0.1 14	0.0 14	0.0 14	0.0 14	0.0 13	0.0 14	0.0 14	0.0 14
1965	8.0 5	2.7 6	1.2 6	0.6 6	0.3 6	0.2 7	0.1 7	0.1 7	0.1 7
1966	5.5 7	3.1 5	1.8 5	0.9 5	0.4 5	0.2 5	0.1 5	0.1 5	0.1 5
1967	1.4 10	0.5 11	0.2 11	0.1 10	0.1 10	0.0 11	0.0 9	0.0 12	0.0 12
1968	24.0 3	8.3 3	4.3 3	2.0 3	1.0 3	0.5 4	0.4 4	0.3 4	0.2 4
1969	73.0 1	63.0 1	42.0 1	21.0 1	10.0 1	5.5 1	3.7 1	2.8 1	2.1 1
1970	7.1 6	2.4 7	1.0 8	0.5 8	0.3 8	0.2 6	0.1 6	0.1 6	0.1 6
1971	59.0 2	33.0 2	15.0 2	7.8 2	4.1 2	2.0 2	1.4 2	1.0 2	0.7 2
1972	2.6 9	0.9 9	0.4 9	0.2 9	0.1 9	0.1 9	0.0 10	0.0 9	0.0 9
1973	1.1 11	0.5 10	0.2 10	0.1 11	0.1 11	0.1 10	0.0 11	0.0 10	0.0 10
1974	0.5 13	0.2 13	0.1 13	0.0 13	0.0 13	0.0 14	0.0 13	0.0 13	0.0 13
1975	11.0 4	6.3 4	2.9 4	1.4 4	1.0 4	0.5 3	0.4 3	0.3 3	0.2 3
1976	3.0 8	2.2 8	1.1 7	0.6 7	0.3 7	0.1 8	0.1 8	0.1 8	0.1 8

10245800 NEWARK VALLEY TRIBUTARY NEAR HAMILTON, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.01	0.00	0.00	0.25	0.06	0.74	0.05	0.01	0.00	0.14	0.16	0.03
0.00	0.00	0.00	0.90	0.02	7.03	0.04	0.00	0.00	0.10	0.20	0.00
0.02	0.00	0.01	0.95	0.13	2.65	0.20	0.02	0.01	0.31	0.45	0.04
2.22	3.74	3.74	3.74	2.47	3.73	3.74	3.73	3.28	2.18	3.64	1.18
2.29	3.74	3.74	3.73	2.33	3.58	3.65	3.60	2.67	2.17	2.80	1.52
0.49	0.02	0.19	17.4	3.89	50.7	3.75	0.44	0.28	9.86	11.0	1.99

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.12	0.08	0.28	3.21	2.27	-0.083

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.54	-0.18	-0.10	-0.32	-0.64	-0.08	-0.32	-0.25	-0.40	-0.66	-0.65	-0.51
0.47	0.44	0.14	0.87	0.90	0.33	0.63	0.49	0.65	0.98	0.78	0.49
0.69	0.66	0.38	0.93	0.95	0.57	0.80	0.70	0.81	0.99	0.88	0.70
-1.78	-3.74	-3.74	-2.16	-1.23	-1.79	-2.59	-2.98	-1.71	-1.13	-0.94	-1.11
-2.04	-3.74	-3.74	-2.95	-1.49	-6.76	-2.49	-2.77	-2.03	-1.51	-1.37	-1.38
7.59	3.99	2.28	7.14	14.4	1.91	7.22	5.72	8.98	14.8	14.6	11.4

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.61	0.66	0.81	0.35	-0.51	0.089

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	5.0	1966	6.0	1970	44.0	1974	2.5
1963	7.3	1967	49.0	1971	97.0	1975	226.0
1964	2.7	1968	238.0	1972	10.0	1976	10.0
1965	63.2	1969	202.0	1973	4.8		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3339	1.3339
STANDARD DEVIATION	0.7177	0.7177
SKEW COEFFICIENTS		
STATION	0.2515	0.2515
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.5	0.3	0.1	0.0	1.0
0.9900	0.6	0.5	0.2	0.1	1.4
0.9500	1.6	1.4	1.1	0.3	3.5
0.9000	2.7	2.6	2.1	0.7	5.8
0.8000	5.3	5.4	4.8	1.9	11.2
0.5000	20.1	21.6	21.6	10.3	45.1
0.2000	84.6	86.7	96.6	41.7	242.5
0.1000	186.6	179.3	221.6	79.7	634.8
0.0400	447.0	389.4	542.8	153.6	1832.7
0.0200	799.4	642.5	1035.3	232.0	3678.1
0.0100	1364.3	1008.2	2003.4	334.3	6919.7

10245950 BEAN FLAT TRIBUTARY NEAR AUSTIN, NV

LOCATION.--Lat 39°29'32", long 116°32'00", Eureka County, Hydrologic Unit 16060005, at culvert on U.S. Highway 50, 3.4 mi (5.5 km) east of Eureka-Lander County line, and 29 mi (47 km) east of Austin.

DRAINAGE AREA.--1.1 mi^2 (2.8 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	2.0	1965	0.2	1969	10.0	1973	0
1962	0	1966	0	1970	0	1974	0.1
1963	0.6	1967	5.0	1971	10.0	1975	5.0
1964	0.4	1968	0	1972	0	1976	0.1

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.4925 S	-0.4521 S
STANDARD DEVIATION	1.0138 S	0.9414 S
SKEW COEFFICIENTS		
STATION	-0.2397	-0.2397
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6250	0.6250
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.4	0.4	0.4	0.1	0.9
0.2000	2.3	2.2	2.5	0.9	8.0
0.1000	6.0	5.7	7.4	2.0	27.7
0.0400	15.7	15.7	23.7	4.8	109.2
0.0200	28.6	30.3	54.0	8.3	268.7
0.0100	48.5	54.7	126.2	13.4	608.2

10246000 GARDEN PASS CREEK TRIBUTARY NEAR EUREKA, NV

LOCATION.--Lat 39°49'00", long 116°09'52", Eureka County, Hydrologic Unit 16060005, at culvert on State Highway 20, 24 mi (39 km) northwest of Eureka.

DRAINAGE AREA.--2.12 mi^2 (5.49 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	0.1	1970	1.0	1974	0.5
1963	0	1967	46.0	1971	0.1	1975	0.6
1964	1.0	1968	47.0	1972	18.0	1976	0
1965	0.3	1969	0.5	1973	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.2942 S	-0.4312 S
STANDARD DEVIATION	1.0831 S	1.3058 S
SKEW COEFFICIENTS		
STATION	0.7662	0.7662
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7333	0.7333
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.4	0.4	0.4	0.1	1.4
0.2000	3.6	4.7	5.7	1.2	30.2
0.1000	14.2	17.5	25.7	4.0	174.2
0.0400	71.6	71.6	131.0	13.2	1199.2
0.0200	221.7	178.1	424.3	27.9	4259.4
0.0100	649.3	404.2	1410.2	54.3	13449.8

10246010 GARDEN PASS CREEK NEAR EUREKA, NV

LOCATION.--Lat 39°46'45", long 116°06'23", in NW¼NW¼ sec.22, T.22 N., R.52 E., Eureka County, Hydrologic Unit 16060005, at culvert on State Highway 20, 20 mi (32 km) north of Eureka.

DRAINAGE AREA.--19.2 mi^2 (49.7 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	650.0	1968	15.0	1971	108.0	1974	4.0
1966	100.0	1969	20.0	1972	150.0	1975	165.0
1967	80.0	1970	0.7	1973	4.0	1976	1.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.3891	1.3891	
STANDARD DEVIATION	0.9530	0.9530	
SKEW COEFFICIENTS			
STATION	-0.3495	-0.3495	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	12	12	
PERIOD (YEARS)	12	12	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.1	0.0	0.0	0.5
0.9900	0.1	0.1	0.0	0.0	0.7
0.9500	0.5	0.7	0.4	0.1	2.5
0.9000	1.4	1.5	1.0	0.2	4.8
0.8000	4.0	3.9	3.2	0.8	11.3
0.5000	27.8	24.5	24.5	8.1	74.5
0.2000	159.6	155.3	186.4	52.9	764.9
0.1000	370.9	407.8	580.1	124.4	2942.7
0.0400	866.1	1141.7	2016.4	293.6	13039.9
0.0200	1457.4	2220.2	5206.7	502.4	34723.9
0.0100	2285.7	4038.2	12602.4	808.0	84473.7

10246845 CURRANT CREEK TRIBUTARY NEAR CURRANT, NV

LOCATION.--Lat 38°49'10", long 115°19'35", near line common to NW¼NE¼ and NE¼NW¼ sec.15, T.11 N., R.59 E., Nye County, Hydrologic Unit 16060012, at culvert on U.S. Highway 6, 1 mi (1.6 km) upstream from Currant Creek, and 9.5 mi (15.3 km) northeast of Currant.

DRAINAGE AREA.--3.13 mi^2 (8.11 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	0.2	1970	10.0	1974	0.1
1963	99.0	1967	7.0	1971	0.3	1975	0.4
1964	0	1968	2.0	1972	2.0	1976	1.5
1965	1.0	1969	74.0	1973	3.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.1657 S	0.0822 S
STANDARD DEVIATION	0.9649 S	1.1040 S
SKEW COEFFICIENTS		
STATION	0.5220	0.5220
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8667	0.8667
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.2	0.1	0.0	0.0	0.4
0.5000	1.2	1.2	1.2	0.4	3.8
0.2000	8.8	10.3	12.1	3.3	50.0
0.1000	27.8	31.4	43.5	9.0	219.5
0.0400	103.5	103.5	172.5	24.8	1121.5
0.0200	254.5	223.7	465.9	46.7	3275.0
0.0100	591.3	447.2	1286.3	81.9	8657.8

10246846 LITTLE CURRANT CREEK NEAR CURRANT, NV

LOCATION.--Lat 38°50'50", long 115°22'00", in NE¼NW¼ sec.5, T.11 N., R.59 E., Nye County, Hydrologic Unit 16060012, in Humboldt National Forest, on right bank 0.2 mi (0.3 km) upstream from reservoir diversion, 2.5 mi (4.0 km) upstream from mouth, and 9 mi (14 km) northeast of Currant.

DRAINAGE AREA.--12.9 mi^2 (33.4 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1965	186							11	1	1	13	14	11	5	28	6	7	8	16	31	27														
1966	73							4	12	24	111	28	14	8	11	7	7	11	31	18	6														
1967	65									1	3	19	4	27	36	25	33	21	33	21	7	7	4	17	21	11	2	5	3						
1968	37							10	20	5	20	38	84	45	57	23	17	7	3																
1969	15							93	30	27	4	3	1	3		21	19	8	12	11	17	9	4	11	15	18	41	3							
1970									3	38	56	45	48	60	32	26	10	15	29	3														
1971			1	5	1	3	2	24	57	27	11	6	58	19	20	28	20	8	9	6	7	13	24	11	5									
1972	7	4	5	12	2	14	15	11	2	7	62	53	57	4	20	31	26	31	3															
1973	78	6	8	17	10	10	11	17	13	6	6	3	40	2	15	15	6	7	7	8	10	5	11	21	14	19								
1974	65	3	3	1	2	3	3	5	6	32	75	17	77	14	17	13	14	15																
1975	174							1	2	1	11	16	17	10	14	18	12	6	7	9	16	10	10	16	9	6								
1976	22	6	1	4	2	4	3	7	55	61	104	27	9	3	12	5	5	9	8	19														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	722	4383	100.0	12	0.7	435	2160	49.3	24	18	60	189	4.3
1	0.01	19	3661	83.5	13	1.0	177	1725	39.4	25	24	64	129	2.9
2	0.02	18	3642	83.1	14	1.2	253	1548	35.3	26	31	52	65	1.4
3	0.03	39	3624	82.7	15	1.6	229	1295	29.5	27	41	5	13	.2
4	0.05	17	3585	81.8	16	2.1	168	1066	24.3	28	54	5	8	.1
5	0.06	34	3568	81.4	17	2.8	158	898	20.5	29	70	3	3	
6	0.08	34	3534	80.6	18	3.6	146	740	16.9	30				
7	0.10	183	3500	79.9	19	4.8	138	594	13.6	31				
8	0.20	201	3317	75.7	20	6.2	104	456	10.4	32				
9	0.30	229	3116	71.1	21	8.2	44	352	8.0	33				
10	0.40	474	2887	65.9	22	11.0	56	308	7.0	34				
11	0.60	253	2413	55.1	23	14.0	63	252	5.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1966	0.00 1	0.00 1	0.04 5	0.07 6	0.35 7	0.40 8	0.41 7	0.43 7	0.47 7
1967	0.00 2	0.00 2	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.18 4
1968	0.40 11	0.47 11	0.51 11	0.55 11	0.64 11	0.65 11	0.68 11	0.72 11	0.91 10
1969	0.00 3	0.00 3	0.00 2	0.00 2	0.00 2	0.02 4	0.05 4	0.06 4	0.10 3
1970	0.39 9	0.42 9	0.47 10	0.48 10	0.52 10	0.55 10	0.60 10	0.70 10	0.91 11
1971	0.02 6	0.03 6	0.04 6	0.06 5	0.11 5	0.16 5	0.19 5	0.23 5	0.28 5
1972	0.39 10	0.43 10	0.46 9	0.47 9	0.50 9	0.53 9	0.55 9	0.59 9	0.66 9
1973	0.00 4	0.00 4	0.00 3	0.00 3	0.00 3	0.00 2	0.01 3	0.01 3	0.05 2
1974	0.28 8	0.29 8	0.31 8	0.35 8	0.38 8	0.39 7	0.44 8	0.48 8	0.61 8
1975	0.00 5	0.00 5	0.00 4	0.00 4	0.00 4	0.00 3	0.00 2	0.00 2	0.00 1
1976	0.15 7	0.17 7	0.23 7	0.27 7	0.27 6	0.29 6	0.32 6	0.35 6	0.42 6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1965	8.0 6	8.0 6	8.0 6	7.5 6	6.5 6	5.8 6	5.3 6	4.3 6	3.0 6
1966	6.6 7	6.5 7	6.4 7	6.1 7	5.3 7	4.7 7	3.8 7	3.0 7	2.2 7
1967	74.0 1	68.0 1	65.0 1	51.0 1	39.0 1	31.0 2	24.0 2	19.0 2	14.0 2
1968	3.8 10	3.8 10	3.6 10	3.1 12	2.6 12	2.1 12	1.7 12	1.5 11	1.2 11
1969	44.0 2	43.0 2	38.0 2	36.0 2	34.0 2	32.0 1	28.0 1	23.0 1	16.0 1
1970	4.8 9	4.8 9	4.7 9	4.6 9	4.1 9	3.6 8	2.8 8	2.3 8	1.7 8
1971	18.0 5	18.0 5	17.0 5	17.0 5	14.0 5	12.0 5	9.2 5	7.4 5	5.3 5
1972	3.7 11	3.7 11	3.5 11	3.3 10	3.0 10	2.5 10	2.4 10	2.2 9	1.7 9
1973	30.0 3	29.0 3	28.0 3	27.0 3	25.0 3	20.0 3	16.0 3	13.0 3	8.6 3
1974	3.4 12	3.4 12	3.4 12	3.1 11	2.7 11	2.1 11	1.7 11	1.5 12	1.1 12
1975	27.0 4	26.0 4	25.0 4	20.0 4	18.0 4	14.0 4	11.0 4	8.8 4	6.1 4
1976	5.8 8	5.8 8	5.7 8	5.6 8	4.9 8	3.4 9	2.5 9	2.0 10	1.4 10

10246846 LITTLE CURRANT CREEK NEAR CURRANT, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.51	0.40	0.86	0.42	0.40	1.06	5.75	11.4	8.08	2.90	1.08	0.64
0.28	0.18	3.01	0.21	0.09	1.02	85.5	141	53.8	11.4	1.68	0.58
0.53	0.42	1.73	0.46	0.31	1.01	9.24	11.9	7.34	3.38	1.30	0.76
0.85	0.76	3.24	1.79	-0.06	1.35	2.86	1.18	0.94	1.58	1.33	1.37
1.04	1.04	2.01	1.09	0.76	0.95	1.61	1.04	0.91	1.17	1.20	1.19
1.52	1.20	2.57	1.25	1.20	3.17	17.1	34.1	24.1	8.64	3.21	1.90

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.81	6.91	2.63	1.40	0.94	-0.553

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.24	-0.33	-0.34	-0.56	-0.49	-0.09	0.45	0.84	0.71	0.09	-0.18	-0.20
0.17	0.21	0.41	0.94	0.74	0.17	0.24	0.21	0.20	0.46	0.40	0.20
0.42	0.46	0.64	0.97	0.86	0.41	0.49	0.46	0.45	0.68	0.63	0.44
-1.42	-1.45	-0.78	-2.90	-3.12	-0.61	0.97	0.45	0.07	-0.24	-1.06	-1.05
-1.70	-1.39	-1.86	-1.75	-1.75	-4.44	1.09	0.54	0.63	7.34	-3.47	-2.17
69.8	94.6	98.7	159	141	26.7	-129	-240	-205	-26.4	52.2	58.4

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.29	0.14	0.37	0.64	1.25	-0.763

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	6.6	1968	4.1	1971	35.0	1974	3.5
1967	366.0	1969	50.0	1972	3.7	1975	29.0
		1970	5.1	1973	34.0	1976	5.8

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.1651	1.1651
STANDARD DEVIATION	0.6437	0.6437
SKEW COEFFICIENTS		
STATION	1.0053	1.0053
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.2	0.3	0.1	0.0	1.1
0.9900	1.4	0.5	0.2	0.1	1.4
0.9500	2.1	1.3	0.9	0.2	3.2
0.9000	2.8	2.2	1.7	0.5	5.0
0.8000	4.1	4.2	3.7	1.3	9.0
0.5000	11.5	14.6	14.6	6.6	32.2
0.2000	44.9	50.9	58.3	23.9	160.4
0.1000	106.7	97.7	126.7	42.5	407.4
0.0400	302.6	195.9	299.3	75.6	1142.8
0.0200	635.3	307.0	580.4	108.4	2253.2
0.0100	1297.2	459.9	1061.0	149.0	4173.3

10246847 CURRANT CREEK BELOW LITTLE CURRANT CREEK, NEAR CURRANT, NV

LOCATION.--Lat 38°49'12", long 115°20'43", in NE¼NW¼ sec.16, T.11 N., R.59 E., Nye County, Hydrologic Unit 16060012, at bridge on U.S. Highway 6, 9 mi (14 km) northeast of Currant.

DRAINAGE AREA.--30.0 mi^2 (77.7 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	8.0	1968	5.0	1971	10.0	1974	3.0
1965	10.0	1969	180.0	1972	3.0	1975	25.0
1966	7.0	1970	64.0	1973	30.0	1976	5.0
1967	404.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.2033	1.2033	
STANDARD DEVIATION	0.6718	0.6718	
SKEW COEFFICIENTS			
STATION	0.9941	0.9941	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	13	13	
PERIOD (YEARS)	13	13	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.2	0.3	0.1	0.0	1.0
0.9900	1.4	0.4	0.2	0.1	1.3
0.9500	2.1	1.3	0.9	0.3	3.1
0.9000	2.8	2.2	1.7	0.6	4.9
0.8000	4.3	4.3	3.9	1.5	9.0
0.5000	12.4	16.0	16.0	7.6	33.8
0.2000	51.6	58.7	66.1	28.3	169.8
0.1000	127.0	116.0	145.8	51.7	430.7
0.0400	375.6	239.6	345.2	95.0	1202.9
0.0200	811.7	382.9	659.5	139.1	2363.6
0.0100	1703.6	583.7	1230.1	194.9	4363.0

10247860 PENOYER VALLEY TRIBUTARY NEAR TEMPIUTE, NV

LOCATION.--Lat 37°35'07", long 115°40'48", in SE¼NE¼ sec.21, T.4 S., R.56 E., Lincoln County, Hydrologic Unit 16060014, on left bank upstream side of culvert on State Highway 25, 1 mi (1.6 km) northwest of Coyote Summit, and 5.3 mi (8.5 km) south of Tempiute.

DRAINAGE AREA.--1.48 mi^2 (3.83 km^2).

REMARKS.--No regulation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1966	365																																		
1967	365																																		
1968	365																						1												
1969	364													1																					
1970	364												1																						
1971	365																																		
1972	364																	1					1												
1973	365																																		
1974	365																																		
1975	365																																		
1976	365	1																																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4012	4018	100.0	12	0.6	1	5	0.1	24				
1	0.03	1	6	0.1	13	0.7	1	4	0.1	25				
2	0.04	0	5	0.1	14	0.9	0	3	0.1	26				
3	0.05	0	5	0.1	15	1.0	0	3	0.1	27				
4	0.06	0	5	0.1	16	1.1	0	3	0.1	28				
5	0.07	0	5	0.1	17	1.3	1	3	0.1	29				
6	0.08	0	5	0.1	18	1.5	0	2	0.0	30				
7	0.10	0	5	0.1	19	1.7	0	2	0.0	31				
8	0.20	0	5	0.1	20	1.9	0	2	0.0	32				
9	0.30	0	5	0.1	21	2.2	0	2	0.0	33				
10	0.40	0	5	0.1	22	2.5	2	2	0.0	34				
11	0.50	0	5	0.1	23	0.0	0	0	0.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1967	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1968	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1969	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1970	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1971	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
1972	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6
1973	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7
1974	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8
1975	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9
1976	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1966	0.0	6	0.0	6	0.0	6	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10
1967	0.0	7	0.0	7	0.0	7	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11
1968	2.7	1	0.9	1	0.4	1	0.2	1	0.1	1	0.1	2	0.0	2	0.0	2	0.0	2
1969	0.8	3	0.3	3	0.1	3	0.1	3	0.0	3	0.0	3	0.0	3	0.0	3	0.0	3
1970	0.6	4	0.2	4	0.1	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0	4	0.0	4
1971	0.0	8	0.0	8	0.0	8	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5
1972	2.5	2	0.8	2	0.4	2	0.2	2	0.1	2	0.1	1	0.0	1	0.0	1	0.0	1
1973	0.0	9	0.0	9	0.0	9	0.0	6	0.0	6	0.0	6	0.0	6	0.0	6	0.0	6
1974	0.0	10	0.0	10	0.0	10	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7
1975	0.0	11	0.0	11	0.0	11	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8
1976	0.0	5	0.0	5	0.0	5	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9

PENOYER (SAND SPRING) VALLEY

10247860 PENOYER VALLEY TRIBUTARY NEAR TEMPIUTE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03
*****	*****	*****	*****	*****	*****	*****	*****	*****	2.03	2.38	3.32
*****	*****	*****	*****	*****	*****	*****	*****	*****	2.25	2.36	3.27
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.3	50.5	32.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.00	0.00	0.00	1.92	1.82	-0.221

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
*****	*****	*****	*****	*****	*****	*****	*****	*****	-0.30	-0.22	-0.37
*****	*****	*****	*****	*****	*****	*****	*****	*****	0.45	0.24	0.87
*****	*****	*****	*****	*****	*****	*****	*****	*****	0.67	0.49	0.93
*****	*****	*****	*****	*****	*****	*****	*****	*****	-1.93	-2.00	-2.74
*****	*****	*****	*****	*****	*****	*****	*****	*****	-2.23	-2.24	-2.51
*****	*****	*****	*****	*****	*****	*****	*****	*****	33.7	24.6	41.7

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.24	2.31	1.52	-0.67	-1.23	0.003

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	0	1968	130.0	1971	0	1974	0
1965	2.0	1969	45.0	1972	33.0	1975	2.0
1966	0	1970	35.0	1973	0	1976	0.6
1967	0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.4327 S	-0.3430 S
STANDARD DEVIATION	1.6530 S	1.4910 S
SKEW COEFFICIENTS		
STATION	-0.3263	-0.3263
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5385	0.5385
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.5	0.5	0.5	0.1	2.4
0.2000	9.5	8.2	10.6	1.6	86.2
0.1000	41.6	37.0	61.5	6.1	680.1
0.0400	185.1	185.1	416.2	23.7	6646.9
0.0200	463.9	523.9	1751.3	55.3	29762.9
0.0100	1029.4	1335.7	6984.9	117.0	116015.9

10248490 INDIAN SPRINGS VALLEY TRIBUTARY NEAR INDIAN SPRINGS, NV

LOCATION.--Lat 36°34'00", long 115°48'40", in NW¼NW¼ sec.16 or SW¼SW¼ sec.9, T.16 S., R.55 E., Clark County, Hydrologic Unit 16060014, at culvert on U.S. Highway 95, 8 mi (13 km) west of Indian Springs.

DRAINAGE AREA.--29 mi^2 (75 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	0.5	1968	0.7	1971	12.0	1974	0.6
1965	120.0	1969	25.0	1972	497.0	1975	2.0
1966	0.4	1970	0	1973	0.3	1976	3.0
1967	0.5						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.4954 S	0.3406 S
STANDARD DEVIATION	1.0608 S	1.3095 S
SKEW COEFFICIENTS		
STATION	0.8866	0.8866
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9231	0.9231
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.2	0.0	0.0	0.0	0.2
0.8000	0.4	0.2	0.1	0.0	0.7
0.5000	2.2	2.2	2.2	0.5	9.4
0.2000	20.5	27.7	34.9	6.7	219.6
0.1000	82.3	104.4	163.2	21.6	1347.2
0.0400	429.6	429.6	875.3	70.7	9975.2
0.0200	1377.3	1071.3	3091.8	148.8	37213.5
0.0100	4199.4	2437.1	10419.4	287.2	122912.6

10248510 ELDORADO VALLEY TRIBUTARY NEAR NELSON, NV

LOCATION.--Lat 35°48'35", long 114°53'05", in E½SE¼SE¼ sec.36, T.24 S., R.63 E., Clark County, Hydrologic Unit 16060015, on right bank upstream side of culvert on State Highway 60 and 8 mi (13 km) northwest of Nelson.

DRAINAGE AREA.--1.41 mi^2 (2.59 km^2).

REMARKS.--No regulation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1966	365																																		
1967	365																																		
1968	365									1																									
1969	363	1																						1											
1970	364																							1											
1971	365																																		
1972	365																						1												
1973	365																																		
1974	365																																		
1975	365																																		
1976	366																																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4013	4018	100.0	12	1.4	0	3	0.1	24				
1	0.10	1	5	0.1	13	1.5	0	3	0.1	25				
2	0.20	0	4	0.1	14	1.7	0	3	0.1	26				
3	0.30	0	4	0.1	15	1.9	0	3	0.1	27				
4	0.40	0	4	0.1	16	2.2	0	3	0.1	28				
5	0.50	0	4	0.1	17	2.5	0	3	0.1	29				
6	0.60	0	4	0.1	18	2.8	0	3	0.1	30				
7	0.70	0	4	0.1	19	3.1	0	3	0.1	31				
8	0.80	0	4	0.1	20	3.5	0	3	0.1	32				
9	1.00	1	4	0.1	21	3.9	0	3	0.1	33				
10	1.10	0	3	0.1	22	4.4	1	3	0.1	34				
11	1.20	0	3	0.1	23	5.0	2	2	0.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1967	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1
1968	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2
1969	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3
1970	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4
1971	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5
1972	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6
1973	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7
1974	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8
1975	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9
1976	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1966	0.0 10	0.0 10	0.0 10	0.0 10	0.0 10	0.0 10	0.0 10	0.0 10	0.0 10
1967	0.0 11	0.0 11	0.0 11	0.0 11	0.0 11	0.0 11	0.0 11	0.0 11	0.0 11
1968	1.0 4	0.3 4	0.1 4	0.1 4	0.0 4	0.0 4	0.0 4	0.0 4	0.0 4
1969	5.0 2	1.7 2	0.7 2	0.3 2	0.2 2	0.1 2	0.1 2	0.0 3	0.0 3
1970	22.0 1	7.3 1	3.1 1	1.5 1	0.7 1	0.4 1	0.2 1	0.2 1	0.1 1
1971	0.0 5	0.0 5	0.0 5	0.0 5	0.0 5	0.0 5	0.0 5	0.0 5	0.0 5
1972	4.6 3	1.5 3	0.7 3	0.3 3	0.2 3	0.1 3	0.1 3	0.0 2	0.0 2
1973	0.0 6	0.0 6	0.0 6	0.0 6	0.0 6	0.0 6	0.0 6	0.0 6	0.0 6
1974	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7	0.0 7
1975	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8	0.0 8
1976	0.0 9	0.0 9	0.0 9	0.0 9	0.0 9	0.0 9	0.0 9	0.0 9	0.0 9

10248510 ELDORADO VALLEY TRIBUTARY NEAR NELSON, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.02
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.21	0.05
*****	*****	*****	*****	*****	*****	*****	*****	3.32	*****	3.30	3.32
*****	*****	*****	*****	*****	*****	*****	*****	3.32	*****	3.15	3.32
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.4	0.00	70.0	15.6

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.01	0.00	0.02	2.86	2.22	0.025

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
*****	*****	*****	*****	*****	*****	*****	*****	-0.07	*****	-0.38	-0.07
*****	*****	*****	*****	*****	*****	*****	*****	0.06	*****	0.69	0.06
*****	*****	*****	*****	*****	*****	*****	*****	0.25	*****	0.83	0.23
*****	*****	*****	*****	*****	*****	*****	*****	-3.32	*****	-2.22	-3.32
*****	*****	*****	*****	*****	*****	*****	*****	-3.32	*****	-2.21	-3.32
*****	*****	*****	*****	*****	*****	*****	*****	14.2	*****	72.2	13.6

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.69	0.99	1.00	-0.98	-1.46	0.141

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	204.0	1968	25.0	1971	0	1974	1.0
1965	0.2	1969	117.0	1972	232.0	1975	1.0
1966	0	1970	530.0	1973	0	1976	0
1967	0.1						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.1215 S	0.1977 S
STANDARD DEVIATION	1.8632 S	1.7265 S
SKEW COEFFICIENTS		
STATION	-0.2461	-0.2461
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6923	0.6923
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	1.6	1.6	1.6	0.2	10.8
0.2000	51.0	44.7	60.6	6.8	685.7
0.1000	284.9	257.2	463.4	32.2	7493.5
0.0400	1660.5	1660.5	4244.1	154.0	104974.0
0.0200	4987.5	5539.6	22406.1	410.2	595592.9
0.0100	13071.1	16372.5	111181.1	976.6	********

10249050 SARCOBATUS FLAT TRIBUTARY NEAR SPRINGDALE, NV

LOCATION.--Lat 37°13'18", long 117°07'35", Nye County, Hydrologic Unit 16060013, at culvert on State Highway 72, at Bonnie Clare, and 24 mi (39 km) northwest of Springdale.

DRAINAGE AREA.--37.1 mi^2 (96.1 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	13.0	1965	38.0	1969	29.0	1973	6.0
1962	5.0	1966	0	1970	0	1974	0.1
1963	0	1967	10.0	1971	1.0	1975	15.0
1964	0	1968	25.0	1972	0	1976	6.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.2019 S	0.5330 S
STANDARD DEVIATION	1.2795 S	0.6166 S
SKEW COEFFICIENTS		
STATION	-1.6325	-1.6325
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6875	0.6875
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	3.4	3.4	3.4	1.9	6.3
0.2000	17.5	11.3	12.3	6.1	26.3
0.1000	29.1	21.0	25.0	10.7	59.4
0.0400	41.0	41.0	53.6	18.8	145.9
0.0200	47.1	63.0	92.0	26.9	263.1
0.0100	51.2	92.8	160.4	36.9	449.2

10249135 SAN ANTONIO WASH TRIBUTARY NEAR TONOPAH, NV

LOCATION.--Lat 38°19'37", long 117°07'25", in SE¼SW¼ sec.35, T.6 N., R.43 E., Nye County, Hydrologic Unit 16060011, at culvert on State Highway 8A, 19 mi (31 km) north of Tonopah.

DRAINAGE AREA.--3.42 mi^2 (8.86 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	1.0	1968	1.0	1971	0.1	1974	0
1966	0	1969	2.0	1972	660.0	1975	0
1967	4.0	1970	22.0	1973	7.0	1976	0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.0283 S	-0.2115 S
STANDARD DEVIATION	1.3019 S	1.5972 S
SKEW COEFFICIENTS		
STATION	0.8543	0.8543
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6667	0.6667
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.6	0.6	0.6	0.1	4.0
0.2000	9.5	13.6	18.4	2.2	196.4
0.1000	51.7	68.5	123.6	9.4	1878.7
0.0400	384.4	384.4	997.1	39.5	22772.9
0.0200	1575.5	1171.7	4888.7	97.1	117569.6
0.0100	6063.2	3193.1	21506.8	215.3	521636.5

10249180 SAULSBURY WASH NEAR TONOPAH, NV

LOCATION.--Lat 38°08'30", long 116°48'30", in S½SW¼ sec.10, T.3 N., R.46 E., Nye County, Hydrologic Unit 16060011, at culvert on U.S. Highway 6, 23 mi (37 km) east of Tonopah.

DRAINAGE AREA.--56 mi^2 (145 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	10.0	1966	41.0	1970	2.0	1974	0
1963	0	1967	10.0	1971	0	1975	0.1
1964	0	1968	2.0	1972	27.0	1976	90.0
1965	0	1969	340.0	1973	3.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.2217 S	0.3160 S
STANDARD DEVIATION	1.3772 S	1.2057 S
SKEW COEFFICIENTS		
STATION	-0.4120	-0.4120
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6667	0.6667
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	2.1	2.1	2.1	0.6	7.2
0.2000	25.1	21.4	25.7	6.3	120.6
0.1000	82.2	72.6	103.7	18.6	607.3
0.0400	267.2	267.2	466.8	56.0	3605.4
0.0200	546.6	619.8	1381.3	111.9	11620.1
0.0100	1009.7	1321.1	4187.4	206.8	33596.3

10249280 KINGSTON CREEK BELOW COUGAR CANYON, NEAR AUSTIN, NV

LOCATION.--Lat 39°12'45", long 117°06'45", in NW¼ sec.35, T.16 N., R.43 E., Lander County, Hydrologic Unit 16060004, in Toiyabe National Forest, on left bank 1.1 mi (1.8 km) downstream from Cougar Canyon and 19 mi (31 km) southeast of Austin.

DRAINAGE AREA.--23.4 mi^2 (60.6 km^2).

REMARKS.--Two diversions above station. Flow affected by storage in Groves Reservoir, capacity, 190 acre-ft (234,000 m^3) about 4 mi (6 km) upstream since January 1970, when installation was completed by Nevada Department of Fish and Game for fishery enhancement and recreation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967		4	5	14	16	11	2	62	9	9	3	2	21	15	10	13	7	37	7	19															
1968						6	55	85	44	51	44	25	56																								
1969					4	3	4	93	35	41	4	3	21	18	17	9	20	5	18	18	14	25	12	1												
1970			5	1	10	10	10	68	16	19	43	41	21	10	36	18	42	4	11																
1971			1			2	3	78	41	47	17	15	8	15	18	9	17	7	10	9	6	15	15	18	9	5									
1972			1	1	3	2	3	5	47	47	93	53	36	62	11	2																			
1973					2	14	73	59	29	8	5	2	4	13	23	11	13	3	12	15	5	13	3	5	7	5	4	4	8	10	8	2	2	2	1
1974						10	5	13	36	101	45	51	39	28	3	4	16	6	8																
1975				2	9	16	45	50	47	19	12	3	1	2	5	8	35	17	13	5	7	5	3	3	3	9	20	4	2	1	2	5	4	8	
1976									20	79	39	69	76	43	30	10																			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	6.8	277	1354	37.1	24	31	19	125	3.4
1	1.60	4	3653	100.0	13	7.7	201	1077	29.5	25	35	19	106	2.9
2	1.90	12	3649	99.9	14	8.7	156	876	24.0	26	39	24	87	2.3
3	2.20	18	3637	99.6	15	9.9	78	720	19.7	27	45	8	63	1.7
4	2.50	44	3619	99.1	16	11.0	180	642	17.6	28	51	10	55	1.5
5	2.80	175	3575	97.9	17	13.0	49	462	12.6	29	58	11	45	1.2
6	3.20	260	3400	93.1	18	14.0	91	413	11.3	30	65	10	34	.9
7	3.60	460	3140	86.0	19	16.0	47	322	8.8	31	74	7	24	.6
8	4.10	324	2680	73.4	20	19.0	32	275	7.5	32	84	6	17	.4
9	4.70	415	2356	64.5	21	21.0	58	243	6.7	33	95	10	11	.3
10	5.30	304	1941	53.1	22	24.0	33	185	5.1	34	110	1	1	
11	6.00	283	1637	44.8	23	27.0	27	152	4.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1968	2.60	6	2.70	4	2.90	4	2.90	3	3.00	2	3.50	4	3.50	4	3.60	3	4.00	3
1969	2.50	5	2.90	6	3.40	6	3.60	6	3.70	5	3.80	5	3.80	5	3.90	6	4.20	4
1970	1.90	1	1.90	1	2.10	1	2.50	1	3.00	3	3.20	2	3.40	3	3.80	4	4.70	6
1971	2.10	3	2.70	5	3.30	5	3.50	5	3.70	6	3.80	6	3.80	6	3.90	5	4.50	5
1972	4.30	9	4.30	8	4.40	8	4.40	7	4.60	9	4.80	7	5.00	7	5.30	8	6.10	8
1973	1.90	2	2.40	2	2.60	3	3.10	4	3.20	4	3.20	3	3.30	1	3.40	1	3.60	1
1974	3.70	7	4.10	7	4.20	7	4.40	8	4.50	7	4.80	8	5.10	8	5.10	7	5.50	7
1975	2.30	4	2.40	3	2.50	2	2.70	2	2.90	1	3.10	1	3.30	2	3.50	2	3.80	2
1976	4.30	8	4.40	9	4.50	9	4.50	9	4.60	8	4.80	9	5.20	9	5.60	9	6.80	9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1967	15.0	7	14.0	7	14.0	7	14.0	7	13.0	7	12.0	6	12.0	5	10.0	6	8.1	6
1968	7.4	10	7.4	10	7.3	10	7.2	10	7.1	10	6.9	10	6.7	10	6.3	10	5.6	10
1969	27.0	4	26.0	4	26.0	4	25.0	4	23.0	4	22.0	4	19.0	4	17.0	4	14.0	4
1970	15.0	5	15.0	5	14.0	5	14.0	5	13.0	5	12.0	5	11.0	6	11.0	5	8.8	5
1971	37.0	3	36.0	3	35.0	3	32.0	3	31.0	3	27.0	3	24.0	3	21.0	3	16.0	3
1972	10.0	8	9.9	9	9.6	9	9.1	9	8.4	9	8.1	9	7.4	9	7.0	9	6.2	9
1973	110.0	1	108.0	1	95.0	2	80.0	2	70.0	2	53.0	2	42.0	2	35.0	2	26.0	2
1974	15.0	6	15.0	6	14.0	6	14.0	6	13.0	6	11.0	7	9.5	7	8.5	7	7.1	7
1975	107.0	2	106.0	2	104.0	1	94.0	1	74.0	1	56.0	1	44.0	1	36.0	1	27.0	1
1976	10.0	9	10.0	8	9.8	8	9.6	8	9.4	8	9.0	8	8.3	8	7.7	8	6.8	8

10249280 KINGSTON CREEK BELOW COUGAR CANYON, NEAR AUSTIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
5.87	5.14	4.45	4.07	3.88	4.11	5.42	16.2	22.6	14.1	9.15	7.29
3.75	2.77	1.91	1.34	0.47	0.40	3.76	245	492	63.3	10.8	5.20
1.94	1.66	1.38	1.16	0.69	0.63	1.94	15.6	22.2	7.95	3.29	2.28
0.42	1.02	0.71	0.70	0.41	-0.53	0.74	2.05	1.69	0.91	-0.19	0.33
0.33	0.32	0.31	0.28	0.18	0.15	0.36	0.97	0.98	0.56	0.36	0.31
5.74	5.02	4.35	3.98	3.79	4.02	5.30	15.8	22.1	13.8	8.94	7.13

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.54	14.3	3.78	1.11	0.44	-0.480

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.75	0.69	0.63	0.59	0.58	0.61	0.71	1.07	1.20	1.09	0.93	0.84
0.02	0.02	0.02	0.01	0.01	0.00	0.02	0.13	0.14	0.06	0.03	0.02
0.15	0.13	0.13	0.12	0.08	0.07	0.15	0.36	0.37	0.24	0.17	0.14
-0.17	0.41	0.35	0.42	0.18	-0.80	0.21	0.69	0.79	0.30	-0.56	-0.15
0.20	0.19	0.21	0.20	0.13	0.12	0.21	0.33	0.31	0.22	0.19	0.17
7.70	7.14	6.50	6.13	6.01	6.28	7.32	11.0	12.4	11.3	9.62	8.70

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.90	0.03	0.18	0.72	0.20	-0.453

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	17.0	1970	17.0	1973	150.0	1975	108.0
1968	7.9	1971	38.0	1974	15.0	1976	11.0
1969	28.0	1972	10.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3812	1.3812
STANDARD DEVIATION	0.4325	0.4325
SKEW COEFFICIENTS		
STATION	0.9692	0.9692
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	4.5	1.9	0.8	0.3	4.3
0.9900	4.8	2.4	1.2	0.5	5.2
0.9500	6.4	4.7	3.5	1.4	8.9
0.9000	7.8	6.7	5.5	2.4	12.0
0.8000	10.3	10.4	9.4	4.5	17.7
0.5000	20.5	24.1	24.1	13.7	42.2
0.2000	51.3	55.6	61.5	32.7	127.3
0.1000	91.4	86.2	104.5	48.1	242.6
0.0400	182.6	137.5	189.8	70.7	495.7
0.0200	298.4	186.0	298.6	89.8	793.5
0.0100	478.4	243.9	465.8	111.0	1216.5

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV

LOCATION.--Lat 38°53'15", long 117°14'40", in SW¼NE¼ sec.22, T.12 N., R.42 E., Nye County, Hydrologic Unit 16060004, in Toiyabe National Forest, on right bank 600 ft (180 m) upstream from diversion, 3 mi (5 km) west of State Highway 8A, and 15 mi (24 km) northwest of Round Mountain.

DRAINAGE AREA.--20 mi^2 (52 km^2), approximately.

REMARKS.--No diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																															
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																					
1966				1	4	33	12	17	12	15	64	23	66	32	10	5	8	16	21	6	10	3	4	3											
1967						1	3	45	54	55	39	20	15	22	10	19	11	8	7	3	3	4	16	7	3	3	3	4	5	5					
1968							15	17	62	21	54	37	33	6	15	19	17	18	23	8	8	12	1												
1969							5	5	32	59	22	77	9	10	7	11	15	4	9	2	2	2	16	9	11	14	12	6	3	11	12				
1970		3	1	1	1	2	2	14	21	34	69	87	43	5	9	5	9	15	12	4	8	10	10												
1971					2	6	11	13	51	53	66	16	19	11	20	22	10	4	4	2	9	15	17	3	11										
1972				4	10	12	8	26	27	53	73	21	12	19	24	17	14	12	18	15	1													
1973					1	7	4	9	74	74	29	20	14	6	12	17	8	5	8	9	7	5	6	7	9	6	3	11	6	1	3	4			
1974					13	17	16	4	24	93	65	3	16	35	9	16	4	6	6	5	5	7	7	8	6										
1975							2		17	41	39	22	32	23	37	24	16	13	7	2	3	8	10	13	6	7	2	4	2	4	14	5	5	7	
1976								7	15	23	75	63	39	39	27	12	7	10	10	5	5	11	6	4	8										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	2.9	298	1770	44.1	24		21	54	216	5.3
1	0.40	3	4018	100.0	13	3.5	208	1472	36.6	25		24	30	162	4.0
2	0.60	1	4015	99.9	14	4.1	180	1264	31.5	26		29	20	132	3.2
3	0.70	6	4014	99.9	15	4.8	167	1084	27.0	27		34	25	112	2.7
4	0.80	31	4008	99.8	16	5.6	119	917	22.8	28		40	16	87	2.1
5	0.90	78	3977	99.0	17	6.6	111	798	19.9	29		47	21	71	1.7
6	1.10	78	3899	97.0	18	7.8	125	687	17.1	30		55	29	50	1.2
7	1.30	157	3821	95.1	19	9.2	61	562	14.0	31		65	9	21	.5
8	1.50	389	3664	91.2	20	11.0	61	501	12.5	32		77	5	12	.2
9	1.80	521	3275	81.5	21	13.0	77	440	11.0	33		90	7	7	.1
10	2.10	595	2754	68.5	22	15.0	93	363	9.0	34		110			
11	2.50	389	2159	53.7	23	18.0	54	270	6.7						

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1967	0.70	3	0.77	3	0.81	3	0.87	3	0.94	1	1.20	2	1.30	1	1.30	1	1.50	1
1968	1.40	7	1.40	7	1.40	7	1.40	6	1.50	6	1.60	6	1.80	6	1.90	8	2.00	7
1969	1.10	5	1.10	5	1.10	5	1.20	5	1.30	4	1.50	4	1.60	4	1.60	2	1.80	3
1970	1.60	9	1.80	10	1.90	10	2.00	10	2.20	10	2.30	10	2.30	10	2.30	9	2.50	9
1971	0.49	1	0.50	1	0.67	1	1.10	4	1.30	5	1.60	5	1.70	5	1.80	5	1.80	4
1972	1.20	6	1.30	6	1.40	6	1.60	7	1.70	7	1.80	7	1.90	7	1.90	6	2.00	8
1973	0.70	2	0.75	2	0.79	2	0.86	1	0.94	2	1.30	3	1.40	2	1.60	3	1.60	2
1974	1.60	10	1.60	8	1.70	8	1.70	8	1.80	8	1.90	8	1.90	7	1.90	7	1.90	5
1975	0.82	4	0.83	4	0.85	4	0.87	2	0.94	3	1.10	1	1.40	3	1.70	4	2.00	6
1976	1.50	8	1.60	9	1.80	9	2.00	9	2.10	9	2.20	9	2.20	9	2.30	10	2.60	10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1966	19.0	8	18.0	8	17.0	8	15.0	8	12.0	9	10.0	9	8.4	10	7.0	10	5.4	10
1967	52.0	4	50.0	4	48.0	4	43.0	4	32.0	4	23.0	4	17.0	4	14.0	4	10.0	4
1968	15.0	10	14.0	10	14.0	10	13.0	10	12.0	10	9.9	10	8.6	8	7.4	8	6.1	8
1969	64.0	3	63.0	3	61.0	3	58.0	2	50.0	2	38.0	2	33.0	2	27.0	2	19.0	2
1970	16.0	9	16.0	9	16.0	9	15.0	9	13.0	8	11.0	8	8.6	9	7.2	9	5.5	9
1971	23.0	5	23.0	5	23.0	5	22.0	5	18.0	5	15.0	5	12.0	5	10.0	5	7.6	5
1972	11.0	11	10.0	11	10.0	11	9.6	11	9.1	11	7.8	11	6.6	11	6.2	11	4.9	11
1973	71.0	2	68.0	2	63.0	2	52.0	3	42.0	3	31.0	3	24.0	3	19.0	3	14.0	3
1974	23.0	6	23.0	6	21.0	7	18.0	7	17.0	6	12.0	6	9.7	6	8.2	6	6.2	7
1975	108.0	1	107.0	1	102.0	1	87.0	1	73.0	1	54.0	1	41.0	1	33.0	1	23.0	1
1976	23.0	7	23.0	7	22.0	6	20.0	6	17.0	7	12.0	7	9.6	7	8.1	7	6.4	6

10249300 SOUTH TWIN RIVER NEAR ROUND MOUNTAIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.22	2.29	2.01	2.13	2.37	3.83	7.89	22.9	16.5	4.72	2.30	2.31
0.31	0.44	0.15	0.15	0.36	1.80	31.5	252	227	9.75	0.99	1.50
0.55	0.66	0.39	0.39	0.60	1.34	5.62	15.9	15.1	3.12	1.00	1.22
0.92	0.81	0.76	0.10	1.91	1.09	2.03	0.90	2.41	1.76	0.68	1.08
0.25	0.29	0.19	0.18	0.25	0.35	0.71	0.69	0.91	0.66	0.43	0.53
3.10	3.20	2.81	2.99	3.31	5.37	11.0	32.0	23.1	6.60	3.22	3.24

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.95	9.98	3.16	1.48	0.53	-0.475

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.33	0.34	0.30	0.32	0.36	0.56	0.82	1.27	1.10	0.60	0.32	0.31
0.01	0.01	0.01	0.01	0.01	0.02	0.06	0.08	0.10	0.07	0.04	0.05
0.10	0.12	0.08	0.08	0.10	0.14	0.25	0.29	0.31	0.27	0.20	0.22
0.35	0.36	0.17	-0.24	1.38	0.54	1.09	0.50	0.74	0.11	-0.24	0.42
0.31	0.35	0.28	0.25	0.26	0.25	0.30	0.23	0.28	0.45	0.60	0.69
5.02	5.16	4.44	4.85	5.47	8.44	12.4	19.1	16.6	9.00	4.87	4.71

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.73	0.04	0.20	1.04	0.27	-0.562

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	99.0	1968	15.0	1971	25.0	1974	24.0
1966	20.0	1969	105.0	1972	13.0	1975	128.0
1967	54.0	1970	17.0	1973	83.0	1976	24.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.5629	1.5629
STANDARD DEVIATION	0.3660	0.3660
SKEW COEFFICIENTS		
STATION	0.3753	0.3753
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	5.6	4.2	2.4	1.2	8.1
0.9900	6.5	5.1	3.3	1.6	9.5
0.9500	10.1	9.1	7.5	3.7	15.2
0.9000	12.9	12.4	10.8	5.8	19.6
0.8000	17.8	18.0	16.8	9.8	27.2
0.5000	34.7	36.6	36.6	23.8	56.0
0.2000	72.8	74.3	79.7	49.1	137.0
0.1000	110.7	107.6	123.2	68.2	229.9
0.0400	177.2	159.8	198.9	94.9	407.2
0.0200	243.2	206.3	286.2	116.6	593.2
0.0100	326.4	259.6	401.9	140.0	834.6

10249411 CAMPBELL CREEK TRIBUTARY NEAR EASTGATE, NV

LOCATION.--Lat 39°15'58", long 117°41'56", in SE¼NE¼ sec.9, T.16 N., R.38 E., Lander County, Hydrologic Unit 16060002, on left bank just upstream from culvert on State Highway 2, 1.5 mi (2.4 km) east of Lander County line, and 10 mi (16 km) east of Eastgate.

DRAINAGE AREA.--2.14 mi^2 (5.54 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964	327	33	4		1		1																												
1965	249	46	60	8	1									1																					
1966	362	1									1					1																			
1967	319	40	5		1																														
1968	344	22																																	
1969	230	20	19	15	28	10	9	2	6	6	1	1	1	1		5		7	4																
1970	364											1																							
1971	304	40	18	2							1																								
1972	332	34																																	
1973	235	4	29	14	21	8	22	2	3	18	4	4	1																						
1974	217	52	85	3	8																														
1975	222	34	57	5	23	12	5		4	3																									
1976	329	37																																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3834	4749	100.0	12	1.2	2	21	0.4	24				
1	0.10	363	915	19.3	13	1.3	2	19	0.4	25				
2	0.20	277	552	11.6	14	1.4	0	17	0.4	26				
3	0.30	47	275	5.8	15	1.5	6	17	0.4	27				
4	0.40	83	228	4.8	16	1.7	0	11	0.2	28				
5	0.50	30	145	3.1	17	1.8	7	11	0.2	29				
6	0.60	37	115	2.4	18	2.0	4	4	0.1	30				
7	0.70	4	78	1.6	19	0.0	0	0	0.0	31				
8	0.80	13	74	1.6	20	0.0	0	0	0.0	32				
9	0.90	27	61	1.3	21	0.0	0	0	0.0	33				
10	1.00	7	34	0.7	22	0.0	0	0	0.0	34				
11	1.10	6	27	0.6	23	0.0	0	0	0.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1965	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1966	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1967	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1968	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1969	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
1970	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6
1971	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7
1972	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8
1973	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9
1974	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10	0.00	10
1975	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11	0.00	11
1976	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12	0.00	12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1964	0.6	8	0.3	9	0.2	8	0.1	8	0.1	7	0.1	8	0.0	10	0.0	8	0.0	7
1965	1.3	3	0.4	5	0.3	6	0.3	5	0.2	4	0.2	4	0.2	4	0.2	5	0.1	5
1966	1.6	2	0.9	4	0.4	5	0.2	6	0.1	8	0.1	10	0.0	11	0.0	11	0.0	11
1967	0.4	9	0.2	10	0.1	10	0.1	9	0.1	9	0.1	9	0.1	7	0.1	7	0.0	8
1968	0.1	12	0.1	11	0.1	11	0.1	12	0.1	12	0.0	11	0.0	12	0.0	12	0.0	12
1969	2.3	1	2.0	1	1.8	1	1.8	1	1.4	1	0.9	1	0.8	1	0.6	1	0.4	1
1970	1.1	5	0.4	7	0.2	9	0.1	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13
1971	1.0	6	0.3	8	0.2	7	0.2	7	0.1	6	0.1	6	0.1	6	0.1	6	0.1	6
1972	0.1	13	0.1	12	0.1	12	0.1	10	0.1	11	0.1	7	0.0	8	0.0	9	0.0	9
1973	1.2	4	1.1	2	1.1	2	1.0	2	0.9	2	0.8	2	0.6	2	0.5	2	0.4	2
1974	0.4	10	0.4	6	0.4	4	0.3	4	0.2	5	0.2	5	0.2	5	0.2	4	0.1	4
1975	0.9	7	0.9	3	0.8	3	0.6	3	0.5	3	0.4	3	0.3	3	0.3	3	0.2	3
1976	0.1	11	0.1	13	0.1	13	0.1	11	0.1	10	0.0	12	0.0	9	0.0	10	0.0	10

10249411 CAMPBELL CREEK TRIBUTARY NEAR EASTGATE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.20	0.13	0.08	0.04	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.03	0.01	0.00	0.00
0.00	0.00	0.00	0.00	0.01	0.04	0.28	0.30	0.17	0.11	0.06	0.01
3.61	*****	*****	3.61	3.08	1.19	2.70	1.77	1.20	1.01	1.24	2.33
3.61	*****	*****	3.61	2.78	1.10	1.67	1.47	1.28	1.37	1.38	2.48
0.11	0.00	0.00	0.04	0.50	5.44	24.9	30.5	19.6	11.7	6.68	0.47

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.06	0.00	0.07	1.47	1.26	-0.253

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.15	*****	*****	-0.19	-0.27	-0.96	-0.72	-0.69	-0.82	-0.58	-0.85	-0.26
0.31	*****	*****	0.48	0.43	0.51	0.33	0.40	0.50	0.50	0.68	0.41
0.56	*****	*****	0.69	0.66	0.71	0.57	0.64	0.70	0.71	0.82	0.64
-3.61	*****	*****	-3.61	-2.28	0.51	0.19	-0.39	-0.38	-1.14	-0.47	-2.19
-3.61	*****	*****	-3.61	-2.47	-0.74	-0.80	-0.93	-0.85	-1.22	-0.97	-2.44
2.82	*****	*****	3.49	4.86	17.5	13.0	12.5	15.0	10.6	15.5	4.78

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.61	0.36	0.60	0.29	-0.37	-0.329

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	179.0	1965	47.0	1969	2.5	1973	2.0
1962	8.0	1966	1.7	1970	46.0	1974	1.7
1963	0	1967	1.7	1971	7.0	1975	8.0
1964	4.0	1968	0.3	1972	1.0	1976	0.9

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.5865 S	0.4896 S
STANDARD DEVIATION	0.7604 S	0.9178 S
SKEW COEFFICIENTS		
STATION	0.7716	0.7716
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9375	0.9375
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.5	0.2	0.0	0.0	0.6
0.8000	0.9	0.5	0.5	0.1	1.3
0.5000	3.1	3.1	3.1	1.2	7.7
0.2000	15.2	18.3	20.8	7.4	64.5
0.1000	40.0	46.3	59.7	16.9	217.1
0.0400	124.8	124.8	186.2	39.3	826.5
0.0200	276.5	236.8	416.1	66.7	1988.7
0.0100	589.1	421.3	952.3	106.7	4410.1

10249417 SMITH CREEK VALLEY TRIBUTARY NEAR AUSTIN, NV

LOCATION.--Lat 39°32'21", long 117°28'26", in NE¼SE¼ sec.4, T.19 N., R.40 E., Lander County, Hydrologic Unit 16060002, at culvert on U.S. Highway 50, 22 mi (35 km) west of Austin.

DRAINAGE AREA.--0.62 mi^2 (1.61 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	0	1971	17.0	1973	2.0	1975	1.0
1969	37.0	1972	4.0	1974	0	1976	0.5
1970	0.1						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	0.0136 S	0.0235 S	
STANDARD DEVIATION	1.0173 S	0.9999 S	
SKEW COEFFICIENTS			
STATION	-0.0586	-0.0586	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.7778	0.7778	
NUMBER OF PEAKS	7	7	
PERIOD (YEARS)	9	9	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	1.1	1.1	1.1	0.3	4.2
0.2000	7.5	7.3	9.5	2.0	58.6
0.1000	20.5	20.2	33.1	4.9	275.2
0.0400	59.4	59.4	141.5	11.9	1530.3
0.0200	117.7	119.4	405.7	20.6	4739.8
0.0100	217.0	223.6	1218.7	33.4	13234.3

10249680 BIG SMOKY VALLEY TRIBUTARY NEAR BLAIR JUNCTION, NV

LOCATION.--Lat 38°01'52", long 117°42'35", Esmeralda County, Hydrologic Unit 16060003, at culvert on U.S. Highways 6 and 95, 2.5 mi (4.0 km) east of Blair Junction.

DRAINAGE AREA.--11.4 mi^2 (29.5 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	90.0	1965	0	1969	12.0	1973	14.0
1962	0	1966	7.0	1970	0	1974	0
1963	2.0	1967	1.0	1971	0	1975	0.7
1964	0	1968	1.5	1972	63.0	1976	80.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	0.2409 S	0.2244 S	
STANDARD DEVIATION	1.0790 S	1.1078 S	
SKEW COEFFICIENTS			
STATION	0.0921	0.0921	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.6250	0.6250	
NUMBER OF PEAKS	10	10	
PERIOD (YEARS)	16	16	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	1.7	1.7	1.7	0.6	5.0
0.2000	13.9	14.3	16.8	4.8	65.6
0.1000	43.0	44.1	59.8	13.1	284.3
0.0400	145.8	145.8	236.2	36.1	1427.5
0.0200	323.5	315.8	623.5	68.4	4119.8
0.0100	666.7	633.0	1693.9	120.6	10773.6

10249850 PALMETTO WASH TRIBUTARY NEAR LIDA, NV

LOCATION.--Lat 37°26'30", long 117°41'25", in SW¼NE¼ sec.6, T.6 S., R.39 E., Esmeralda County, Hydrologic Unit 16060010, at culvert on State Highway 3, 11 mi (18 km) west of Lida.

DRAINAGE AREA.--4.73 mi^2 (12.25 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	16.0	1970	21.0	1973	0.1	1975	0
1968	18.0	1971	25.0	1974	0.1	1976	1.0
1969	193.0	1972	0.2				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	0.3562 S	0.3923 S	
STANDARD DEVIATION	1.2923 S	1.2279 S	
SKEW COEFFICIENTS			
STATION	-0.1683	-0.1683	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9000	0.9000	
NUMBER OF PEAKS	9	9	
PERIOD (YEARS)	10	10	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.1	0.0	0.0	0.3
0.8000	0.2	0.2	0.2	0.0	1.0
0.5000	2.5	2.5	2.5	0.5	12.2
0.2000	28.4	26.7	35.4	5.9	279.7
0.1000	97.1	92.5	159.6	17.6	1746.1
0.0400	348.3	348.3	869.3	52.6	13277.5
0.0200	780.1	820.5	3148.3	104.0	50504.3
0.0100	1591.1	1773.4	11130.3	189.7	169904.6

FISH LAKE VALLEY AND COLUMBUS SALT MARSH

10249855 PALMETTO WASH TRIBUTARY NEAR OASIS, CA

LOCATION.--Lat 37°27'25", long 117°46'10", in W½SW¼ sec.33, T.5 S., R.38 E., Esmeralda County, Hydrologic Unit 16060010, at culvert on State Highway 3, 8 mi (13 km) southeast of Oasis.

DRAINAGE AREA.--0.24 mi^2 (0.62 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	9.3	1971	0	1973	0.1	1975	0
1969	0.5	1972	0	1974	0	1976	30.0
1970	12.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-1.1855 S	-0.9511 S
STANDARD DEVIATION	2.0226 S	1.5854 S
SKEW COEFFICIENTS		
STATION	-0.7008	-0.7008
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5556	0.5556
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.1	0.1	0.1	0.0	1.0
0.2000	3.5	2.4	3.6	0.3	65.3
0.1000	16.1	12.0	26.4	1.3	758.6
0.0400	66.8	66.8	264.2	5.2	11523.3
0.0200	150.5	201.8	1403.7	12.5	69196.2
0.0100	292.8	546.0	8031.4	26.8	352515.9

FISH LAKE VALLEY AND COLUMBUS SALT MARSH

10249900 CHIATOVICH CREEK NEAR DYER, NV

LOCATION.--Lat 37°50'00", long 118°12'10", in NE¼NE¼ sec.28, T.1 S., R.34 E., Esmeralda County, Hydrologic Unit 16060010, on left bank 300 ft (90 m) downstream from Middle Creek, 5 mi (8 km) west of State Highway 3A, and 10 mi (16 km) northwest of Dyer.

DRAINAGE AREA.--37.3 mi^2 (96.6 km^2).

REMARKS.--No diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1961		9	28	6	19	17	69	47	86	76	7	1																							
1962				5	2	5	19	55	73	26	40	16	13	3	3	4					2	12	34	6	19	21	6		1						
1963									1	2	5	34	44	33	35	27	28	24	26	19	31	29	19	8											
1964								1	6	11	11	27	94	49	35	27	11	21	8	17	39	9													
1965								2	12	57	81	36	77	10	5	9	9	2	4	8	19	32						1							1
1966								2	23	49	25	19	35	21	28	52	33	10	35	32	1														
1967									3	3	19	39	98	56	12	17	8	1	8	2	1	2	1	2	8	15	11	11	9	7	13	17	1	1	
1968							11	20	10	22	24	37	51	8	3	10	9	29	47	13	9	26	11	23	3										
1969											1	14	105	56	23	12	10	6	2	5	4	3	1	2	4	10	6	6	13	20	5	19	29	8	1
1970												11	38	39	41	49	53	40	8	22	10	10	10	21	13										
1971										4	6	42	71	67	56	54	57	7	1															
1972								6	19	69	89	13	30	58	18	34	18	12																
1973										1	30	50	82	45	13	9	50	14	9	13	13	36												
1974												1	4	79	86	72	29	29	35	22	8													
1975												40	67	68	93	64	26	4	3															
1976								1	21	29	29	52	114	69	42	7	2																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	6.1	916	4168	71.3	24	19	55	287	4.9
1	2.10	9	5844	100.0	13	6.7	682	3252	55.6	25	21	46	232	3.9
2	2.40	28	5835	99.8	14	7.4	491	2570	44.0	26	23	23	186	3.1
3	2.70	6	5807	99.4	15	8.1	454	2079	35.6	27	25	18	163	2.7
4	2.90	24	5801	99.3	16	8.9	346	1625	27.8	28	27	23	145	2.4
5	3.20	19	5777	98.9	17	9.8	203	1279	21.9	29	30	27	122	2.0
6	3.50	85	5758	98.5	18	11.0	184	1076	18.4	30	33	18	95	1.6
7	3.90	98	5673	97.1	19	12.0	160	892	15.3	31	36	36	77	1.3
8	4.20	235	5575	95.4	20	13.0	125	732	12.5	32	40	30	41	.7
9	4.60	395	5340	91.4	21	14.0	161	607	10.4	33	44	9	11	.1
10	5.10	350	4945	84.6	22	16.0	86	446	7.6	34	48	2	2	
11	5.60	427	4595	78.6	23	17.0	73	360	6.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	2.20	1	2.20	1	2.30	1	2.40	1	2.60	1	2.80	1	3.10	1	3.20	1	3.60	1
1963	4.40	7	4.50	7	4.90	7	5.20	7	5.70	7	5.80	7	7.10	11	8.30	12	9.40	12
1964	5.90	14	6.00	14	6.10	14	6.30	13	6.70	13	6.90	13	7.80	13	8.50	13	10.00	13
1965	4.00	4	4.20	5	4.40	5	4.50	5	5.00	6	5.30	6	5.30	5	5.40	5	5.60	5
1966	4.30	6	4.50	6	4.60	6	4.60	6	4.70	5	5.10	5	5.40	6	6.20	6	9.00	11
1967	4.00	5	4.10	4	4.20	4	4.30	4	4.40	4	4.70	4	4.90	4	5.00	3	5.50	4
1968	5.30	10	5.40	10	5.60	10	5.70	11	5.90	9	6.70	12	8.10	14	11.00	15	12.00	14
1969	3.50	2	3.60	2	3.60	2	3.70	2	4.00	2	4.30	2	4.70	2	5.00	4	5.40	3
1970	7.20	15	7.20	15	7.40	15	7.80	15	8.20	15	9.10	15	9.50	15	10.00	14	12.00	15
1971	4.60	9	4.70	8	5.10	8	5.40	8	5.90	10	6.20	8	6.30	7	6.50	8	7.00	7
1972	4.50	8	5.00	9	5.20	9	5.40	9	5.80	8	6.30	9	6.60	9	6.80	9	7.50	8
1973	4.00	3	4.00	3	4.10	3	4.20	3	4.40	3	4.70	3	4.80	3	4.90	2	5.00	2
1974	5.80	13	5.90	13	6.00	13	6.50	14	6.80	14	7.30	14	7.50	12	7.60	11	8.20	10
1975	5.70	12	5.80	12	5.90	12	6.00	12	6.20	12	6.40	11	6.80	10	7.10	10	7.50	9
1976	5.40	11	5.60	11	5.70	11	5.70	10	6.10	11	6.30	10	6.30	8	6.40	7	6.70	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
CHIATOVICH C NR DYER, NV

YEAR	1		3		7		15		30		60		90		120		183	
1961	6.0	16	5.5	16	5.1	16	4.8	16	4.7	16	4.5	16	4.5	16	4.5	16	4.3	16
1962	29.0	4	25.0	4	24.0	3	22.0	3	21.0	3	20.0	3	19.0	3	17.0	3	13.0	3
1963	20.0	5	20.0	5	20.0	4	18.0	5	17.0	5	17.0	4	16.0	4	14.0	4	12.0	4
1964	15.0	9	14.0	9	14.0	9	14.0	9	13.0	9	13.0	9	12.0	9	11.0	8	10.0	8
1965	50.0	1	30.0	3	20.0	5	16.0	7	15.0	7	14.0	8	13.0	7	11.0	9	9.0	11
1966	13.0	10	12.0	11	12.0	11	12.0	11	12.0	10	12.0	10	11.0	10	11.0	10	9.7	9
1967	47.0	3	42.0	2	40.0	2	38.0	2	37.0	2	32.0	2	29.0	2	25.0	2	19.0	2
1968	19.0	7	19.0	7	18.0	7	18.0	6	17.0	6	16.0	6	15.0	5	14.0	5	12.0	5
1969	48.0	2	47.0	1	46.0	1	44.0	1	43.0	1	41.0	1	37.0	1	34.0	1	26.0	1
1970	20.0	6	20.0	6	19.0	6	19.0	4	18.0	4	17.0	5	15.0	6	14.0	6	12.0	6
1971	11.0	13	10.0	13	9.9	13	9.6	13	9.3	13	9.2	12	9.1	12	8.6	12	7.8	12
1972	10.0	14	9.9	14	9.8	14	9.7	12	9.6	12	9.0	13	8.5	13	8.1	13	7.5	13
1973	15.0	8	15.0	8	15.0	8	15.0	8	14.0	8	14.0	7	12.0	8	12.0	7	10.0	7
1974	13.0	11	13.0	10	13.0	10	13.0	10	12.0	11	12.0	11	11.0	11	10.0	11	9.2	10
1975	11.0	12	11.0	12	10.0	12	9.5	14	9.1	14	8.4	14	8.2	14	8.0	14	7.5	14
1976	9.6	15	8.5	15	8.0	15	7.9	15	7.7	15	7.3	15	7.0	15	6.9	15	6.7	15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.51	8.69	7.71	7.17	6.87	6.66	6.46	6.77	9.11	12.5	11.7	10.2
17.1	10.7	5.81	3.52	2.98	1.80	1.47	2.96	45.3	122	92.2	35.7
4.14	3.28	2.41	1.88	1.73	1.34	1.21	1.72	6.73	11.1	9.60	5.98
0.98	0.73	0.45	0.38	0.53	0.01	0.10	0.65	3.04	1.82	1.63	1.38
0.44	0.38	0.31	0.26	0.25	0.20	0.19	0.25	0.74	0.89	0.82	0.59
9.20	8.41	7.45	6.93	6.65	6.44	6.25	6.55	8.82	12.1	11.3	9.88

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.63	7.74	2.78	1.25	0.32	0.138

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.94	0.91	0.87	0.84	0.82	0.81	0.80	0.82	0.89	0.97	0.96	0.95
0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.05	0.11	0.09	0.05
0.18	0.16	0.14	0.11	0.11	0.09	0.09	0.11	0.23	0.33	0.31	0.22
0.25	0.06	-0.11	-0.08	-0.24	-0.59	-0.79	-0.30	1.06	0.55	0.60	0.74
0.19	0.18	0.16	0.14	0.13	0.11	0.11	0.14	0.26	0.34	0.32	0.23
8.89	8.60	8.18	7.94	7.78	7.69	7.58	7.72	8.43	9.16	9.05	8.98

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.92	0.02	0.14	-0.14	0.15	0.156

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	24.0	1965	527.0	1969	65.0	1973	16.0
1962	39.0	1966	16.0	1970	20.0	1974	18.0
1963	34.0	1967	99.0	1971	18.0	1975	16.0
1964	19.0	1968	19.0	1972	15.0	1976	14.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.4585	1.4585	
STANDARD DEVIATION	0.4149	0.4149	
SKEW COEFFICIENTS			
STATION	2.2213	2.2213	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	16	16	
PERIOD (YEARS)	16	16	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	12.2	2.5	1.6	0.8	4.8
0.9900	12.2	3.1	2.2	1.1	5.8
0.9500	12.5	6.0	5.1	2.6	9.9
0.9000	12.9	8.4	7.5	4.2	13.3
0.8000	14.0	12.9	12.1	7.3	19.4
0.5000	20.9	28.7	28.7	19.0	43.4
0.2000	49.5	64.2	68.1	42.6	113.5
0.1000	97.8	97.8	109.7	62.0	196.6
0.0400	244.7	153.1	183.4	90.7	359.9
0.0200	493.7	204.5	263.9	115.3	535.2
0.0100	1000.8	265.4	383.7	142.6	767.2

10251270 AMARGOSA RIVER TRIBUTARY NEAR MERCURY, NV

LOCATION.--Lat 36°33'40", long 116°06'00", in sec.14, T.16 S., R.52 E., Nye County, Hydrologic Unit 18090202, at culvert on U.S. Highway 95, 9 mi (14 km) southwest of Mercury.

DRAINAGE AREA.--110 mi^2 (285 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	10.0	1967	600.0	1971	90.0	1974	3.0
1964	40.0	1968	3430.0	1972	1540.0	1975	0.8
1965	37.0	1969	60.0	1973	185.0	1976	0
1966	20.0	1970	240.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.7242 S	1.7504 S	
STANDARD DEVIATION	1.0741 S	1.0274 S	
SKEW COEFFICIENTS			
STATION	-0.1471	-0.1471	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9286	0.9286	
NUMBER OF PEAKS	13	13	
PERIOD (YEARS)	14	14	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	2.1	2.7	0.0	0.4	9.0
0.8000	6.7	7.7	6.5	1.6	22.7
0.5000	56.3	56.3	56.3	18.8	168.9
0.2000	431.5	412.2	487.3	139.9	1928.7
0.1000	1209.6	1167.0	1615.2	352.7	7809.2
0.0400	3540.5	3540.5	5899.8	898.6	36505.5
0.0200	6989.1	7251.5	15401.8	1615.8	100599.7
0.0100	12767.8	13819.4	39832.2	2717.2	252373.0

10251271 AMARGOSA RIVER TRIBUTARY NO. 1 NEAR JOHNNIE, NV

LOCATION.--Lat 36°27'36", long 116°06'28", in NE¼SE¼ sec.22, T.17 S., R.52 E., Nye County, Hydrologic Unit 18090202, at culvert on State Highway 16, 3.4 mi (5.5 km) northwest of Johnnie.

DRAINAGE AREA.--2.21 mi^2 (5.72 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	94.6	1970	350.0	1973	98.0	1975	10.0
1968	194.0	1971	90.0	1974	4.0	1976	3.0
1969	0.6	1972	6.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3389	1.3389
STANDARD DEVIATION	0.9258	0.9258
SKEW COEFFICIENTS		
STATION	-0.2945	-0.2945
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.1	0.1	0.0	0.0	0.5
0.9900	0.1	0.2	0.0	0.0	0.8
0.9500	0.6	0.7	0.4	0.0	2.6
0.9000	1.3	1.4	0.9	0.2	5.0
0.8000	3.8	3.6	2.9	0.6	11.3
0.5000	24.2	21.8	21.8	6.6	72.7
0.2000	134.4	131.2	162.6	42.1	772.2
0.1000	310.7	335.2	505.9	96.1	3072.4
0.0400	727.9	911.2	1815.9	219.2	14182.0
0.0200	1233.2	1738.6	4791.7	366.3	38832.1
0.0100	1951.7	3108.5	12415.9	576.3	96924.6

10251980 LOVELL WASH NEAR BLUE DIAMOND, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.16	1.95	0.11	0.04	0.16	0.54	0.63	0.11	0.12	0.16
0.00	0.00	0.22	34.3	0.11	0.01	0.24	2.60	3.55	0.10	0.05	0.20
0.00	0.00	0.47	5.86	0.33	0.11	0.49	1.61	1.88	0.32	0.22	0.45
*****	*****	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.41	2.97
*****	*****	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.88	2.77
0.00	0.00	3.97	49.1	2.79	0.91	4.13	13.5	15.8	2.70	2.99	4.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.33	0.78	0.89	2.96	2.65	-0.139

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
*****	*****	0.02	0.14	*****	-0.05	0.02	0.08	-0.22	0.00	-0.54	-0.37
*****	*****	0.00	0.17	*****	0.03	0.00	0.05	0.93	0.00	0.43	0.74
*****	*****	0.05	0.42	*****	0.16	0.06	0.23	0.96	0.00	0.66	0.86
*****	*****	3.00	3.00	*****	-3.00	3.00	3.00	-2.57	-3.00	-0.75	-2.32
*****	*****	3.00	3.00	*****	-3.00	3.00	3.00	-4.45	-3.00	-1.22	-2.31
*****	*****	-1.81	-14.8	*****	5.80	-2.01	-8.15	23.2	0.17	57.8	39.8

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.67	2.16	1.47	-0.08	-0.88	-0.135

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	15.0	1968	337.0	1971	47	1974	560.0
1966	0	1969	4150.0	1972	4.0	1975	3.0
1967	559.0	1970	47.0	1973	0	1976	0.4

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3645 S	1.3966 S
STANDARD DEVIATION	1.3753 S	1.3182 S
SKEW COEFFICIENTS		
STATION	-0.1405	-0.1405
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8333	0.8333
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER . UPPER
0.9950	0.0	0.0	0.0	0.0 . 0.0
0.9900	0.0	0.0	0.0	0.0 . 0.0
0.9500	0.0	0.0	0.0	0.0 . 0.0
0.9000	0.0	0.0	0.0	0.0 . 0.0
0.8000	1.6	1.9	0.0	0.2 . 8.6
0.5000	24.9	24.9	24.9	5.3 . 116.1
0.2000	339.1	320.7	412.6	72.3 . 2909.5
0.1000	1273.5	1218.9	1984.3	235.8 . 18756.3
0.0400	5063.0	5063.0	11119.6	773.7 .147041.9
0.0200	12142.9	12703.2	41298.7	1626.6 .569896.5
0.0100	26375.0	29057.9	140261.7	3138.5 .********

10251980 LOVELL WASH NEAR BLUE DIAMOND, NV

LOCATION.--Lat 36°00'10", long 115°38'38", in NE¼SW¼ sec.25, T.22 S., R.56 E., Clark County, Hydrologic Unit 16060015, on right bank 0.2 mi (0.3 km) downstream from county road, 13.7 mi (22.0 km) west of Blue Diamond, and 24 mi (39 km) southeast of Pahrump.

DRAINAGE AREA.--52.8 mi^2 (136.8 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967	361								1				1																	1	1				
1968	365																										1								
1969	223				4				13			3	17	13		14	7	9	16	9	9	20	2	2			1			1		2			
1970	364													1																					
1971	363											1		1																					
1972	365	1																																	
1973	365																																		
1974	364																					1													
1976	365				1																														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3135	3288	100.0	12	1.0	18	129	3.9	24	12		7	.2
1	0.05	1	153	4.7	13	1.3	15	111	3.4	25	15		7	.2
2	0.07	0	152	4.6	14	1.6	0	96	2.9	26	18	2	7	.2
3	0.09	0	152	4.6	15	1.9	14	96	2.9	27	22		5	.1
4	0.10	1	152	4.6	16	2.4	7	82	2.5	28	27		5	.1
5	0.20	4	151	4.6	17	2.9	9	75	2.3	29	33	2	5	.1
6	0.30	0	147	4.5	18	3.5	16	66	2.0	30	41	1	3	
7	0.40	0	147	4.5	19	4.3	9	50	1.5	31	50	2	2	
8	0.50	14	147	4.5	20	5.3	9	41	1.2	32				
9	0.60	0	133	4.0	21	6.5	21	32	1.0	33				
10	0.70	0	133	4.0	22	8.0	2	11	0.3	34				
11	0.80	4	133	4.0	23	9.8	2	9	0.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1969	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.11	7
1970	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2
1971	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3
1972	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4
1973	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5
1974	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1967	43.0	2	15.0	2	6.3	2	2.9	2	1.5	2	0.7	2	0.5	2	0.4	2	0.2	2
1968	21.0	3	7.0	3	3.0	3	1.4	3	0.7	3	0.4	3	0.2	3	0.2	3	0.1	3
1969	420.0	1	170.0	1	77.0	1	36.0	1	18.0	1	9.6	1	6.8	1	6.0	1	5.3	1
1970	1.5	5	0.5	5	0.2	5	0.1	6	0.1	6	0.0	6	0.0	6	0.0	6	0.0	5
1971	1.5	6	0.5	6	0.2	6	0.2	5	0.1	5	0.0	5	0.0	5	0.0	5	0.0	6
1972	0.1	8	0.0	8	0.0	8	0.0	8	0.0	7	0.0	7	0.0	7	0.0	7	0.0	7
1973	0.0	9	0.0	9	0.0	9	0.0	9	0.0	8	0.0	8	0.0	8	0.0	8	0.0	8
1974	7.6	4	2.5	4	1.1	4	0.5	4	0.3	4	0.1	4	0.1	4	0.1	4	0.0	4
1976	0.1	7	0.0	7	0.0	7	0.0	7	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9

10251980 LOVELL WASH NEAR BLUE DIAMOND, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.00	0.16	1.95	0.11	0.04	0.16	0.54	0.63	0.11	0.12	0.16
0.00	0.00	0.22	34.3	0.11	0.01	0.24	2.60	3.55	0.10	0.05	0.20
0.00	0.00	0.47	5.86	0.33	0.11	0.49	1.61	1.88	0.32	0.22	0.45
*****	*****	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.41	2.97
*****	*****	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.88	2.77
0.00	0.00	3.97	49.1	2.79	0.91	4.13	13.5	15.8	2.70	2.99	4.06

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.33	0.78	0.89	2.96	2.65	-0.139

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
*****	*****	0.02	0.14	*****	-0.05	0.02	0.08	-0.22	0.00	-0.54	-0.37
*****	*****	0.00	0.17	*****	0.03	0.00	0.05	0.93	0.00	0.43	0.74
*****	*****	0.05	0.42	*****	0.16	0.06	0.23	0.96	0.00	0.66	0.86
*****	*****	3.00	3.00	*****	-3.00	3.00	3.00	-2.57	-3.00	-0.75	-2.32
*****	*****	3.00	3.00	*****	-3.00	3.00	3.00	-4.45	-3.00	-1.22	-2.31
*****	*****	-1.81	-14.8	*****	5.80	-2.01	-8.15	23.2	0.17	57.8	39.8

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.67	2.16	1.47	-0.08	-0.88	-0.135

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	15.0	1968	337.0	1971	47	1974	560.0
1966	0	1969	4150.0	1972	4.0	1975	3.0
1967	559.0	1970	47.0	1973	0	1976	0.4

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.3645 S	1.3966 S	
STANDARD DEVIATION	1.3753 S	1.3182 S	
SKEW COEFFICIENTS			
STATION	-0.1405	-0.1405	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.8333	0.8333	
NUMBER OF PEAKS	10	10	
PERIOD (YEARS)	12	12	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	1.6	1.9	0.0	0.2	8.6
0.5000	24.9	24.9	24.9	5.3	116.1
0.2000	339.1	320.7	412.6	72.3	2909.5
0.1000	1273.5	1218.9	1984.3	235.8	18756.3
0.0400	5063.0	5063.0	11119.6	773.7	147041.9
0.0200	12142.9	12703.2	41298.7	1626.6	569896.5
0.0100	26375.0	29057.9	140261.7	3138.5	********

10289000 VIRGINIA CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°11'30", long 119°12'30", near center of W½ sec.22, T.4 N., R.25 E., Mono County, Hydrologic Unit 16050301, on right bank 1.2 mi (1.9 km) downstream from Clearwater Creek, 3 mi (5 km) upstream from mouth, and 4.2 mi (6.8 km) southeast of Bridgeport.

DRAINAGE AREA.--63.6 mi^2 (164.7 km^2).

REMARKS.--Flow partly regulated by Virginia Lakes and other lakes near headwaters. Diversions for irrigation of about 3,000 acres (12.1 km^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1954						14	7	12	52	13	6	28	49	45	82	12	15	8	10	5	6		1												
1955					1	6	6	21	17	28	22	27	40	76	72	25	13	4	1	2	2	2													1
1956									8	12	5	26	19	14	29	23	39	35	44	10	20	11	23	26	17	1	1	1		1					
1957								2	23	36	2	10	5	7	41	70	109	33	13	5	2	4	3												
1958										3	7	9	81	45	61	19	10	10	19	8	25	15	14	19	6	3	6	3	2						
1959					14	25	20	14	6	3	9	11	17	22	129	52	27	4	7	1	1	3													
1960		3	3	6	21	13	21	18	14	2	15	82	79	16	42	5	11	11	4																
1961		3	4	14	14	8	13	13	8	29	53	56	69	27	37	10	5	2																	
1962							5	12	17	43	79	61	18	3	11	6	17	23	19	21	13	7	4	6						1			1	
1963										2	11	19	65	41	39	38	33	26	21	11	27	10	9	3	4	3	1							
1964				1	1	1	18	27	6	35	3	3	52	27	95	40	47	8		2							1							
1965										22	31	18	34	19	68	33	21	23	34	26	27	5	2		1		1							
1966				2	2	10	17	14	30	14	24	7	28	34	87	29	29	22	16															
1967											34	45	21	7	29	18	50	19	28	13	14	15	10	18	7	18	15	3		1				
1968								22	20	36	18	7	21	13	80	91	41	10	5	2														
1969										2	12	47	57	29	30	4	20	12	12	11	9	6	12	27	8	17	6	9	26	2	7			
1970											18	20	29	7	26	87	74	45	30	23	4	1		1										
1971											7	22	28	28	104	33	40	29	41	18	15													
1972					10	11	14	12	7	16	12	6	21	30	142	21	19	20	13	11	1													
1973											1	22	99	77	53	14	9	10	11	7	14	20	14	11	3								
1974												1	13	42	94	42	38	39	30	27	12	21	6										
1975											2	8	22	25	119	55	36	19	17	12	6	4	15	16	5	3	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0
1	1.00	6	8035	100.0
2	1.30	7	8029	99.9
3	1.60	23	8022	99.8
4	1.90	63	7999	99.6
5	2.30	88	7936	98.8
6	2.70	121	7848	97.7
7	3.20	167	7727	96.2
8	3.90	208	7560	94.1
9	4.60	296	7352	91.5
10	5.50	371	7056	87.8
11	6.60	535	6685	83.2
12	7.9	867	6150	76.5
13	9.5	634	5283	65.7
14	11.0	1470	4649	57.9
15	14.0	727	3179	39.6
16	16.0	703	2452	30.5
17	19.0	412	1749	21.8
18	23.0	375	1337	16.6
19	28.0	215	962	12.0
20	33.0	198	747	9.3
21	40.0	124	549	6.8
22	47.0	113	425	5.3
23	57.0	127	312	3.9
24	68	51	185	2.3
25	81	45	134	1.6
26	97	31	89	1.1
27	120	16	58	.7
28	140	28	42	.5
29	170	4	14	.1
30	200	8	10	.1
31	240		2	
32	290		2	
33	340	1	2	
34	410	1	1	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1955	2.30	8	2.30	7	2.50	6	2.70	6	3.20	7	3.60	7	3.90	5	4.40	6	5.60	6
1956	1.90	6	2.30	8	2.60	8	3.10	8	3.30	8	3.90	8	4.30	8	4.70	7	6.00	7
1957	10.00	21	10.00	20	12.00	21	12.00	21	13.00	20	13.00	20	14.00	20	14.00	20	15.00	20
1958	3.40	11	3.70	11	4.00	11	4.10	11	4.20	10	4.60	10	5.30	10	6.30	10	7.40	10
1959	7.70	18	9.00	19	9.90	19	10.00	19	11.00	19	12.00	19	12.00	18	12.00	18	12.00	18
1960	1.90	7	2.00	5	2.10	4	2.20	3	2.50	3	2.60	3	3.30	3	4.30	5	5.40	5
1961	1.10	1	1.20	1	1.40	2	1.80	2	2.00	2	2.30	1	2.70	1	3.30	1	4.70	2
1962	1.10	2	1.20	2	1.30	1	1.50	1	1.80	1	2.40	2	3.00	2	3.70	2	4.60	1
1963	2.80	9	3.00	9	3.30	10	3.60	10	4.40	11	5.50	11	7.00	11	7.50	11	7.60	11
1964	7.00	16	7.70	16	8.20	16	8.40	16	8.70	14	9.30	15	9.90	15	10.00	15	11.00	14
1965	1.70	4	2.10	6	2.50	7	2.90	7	2.90	5	3.40	6	3.90	6	4.30	3	5.30	3
1966	8.00	19	8.30	18	9.00	18	9.30	18	9.60	16	9.90	16	10.00	16	11.00	16	12.00	15
1967	1.60	3	2.00	3	2.40	5	2.60	5	2.90	6	3.20	4	3.70	4	4.30	4	5.30	4
1968	6.40	14	7.10	14	8.10	15	8.30	14	10.00	17	11.00	18	12.00	19	13.00	19	14.00	19
1969	3.20	10	3.20	10	3.20	9	3.40	9	3.80	9	4.30	9	4.60	9	5.10	8	6.00	8
1970	10.00	20	11.00	21	11.00	20	12.00	20	14.00	21	15.00	21	16.00	21	16.00	21	17.00	21
1971	5.90	13	6.10	13	6.20	12	6.20	12	7.00	12	7.50	12	8.00	12	8.70	12	10.00	12
1972	5.70	12	5.80	12	6.30	13	6.80	13	7.40	13	8.40	13	9.40	13	10.00	13	10.00	13
1973	1.90	5	2.00	4	2.10	3	2.30	4	2.60	4	3.20	5	4.20	7	5.20	9	7.00	9
1974	7.00	15	7.30	15	7.90	14	8.40	15	8.90	15	9.30	14	9.70	14	10.00	14	12.00	16
1975	7.70	17	8.00	17	8.70	17	9.20	17	10.00	18	10.00	17	11.00	17	12.00	17	12.00	17

1028900 VIRGINIA CREEK NEAR BRIDGEPORT, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1954	55.0 11	37.0 16	35.0 13	29.0 13	24.0 14	20.0 14	18.0 15	16.0 15	14.0 16
1955	42.0 15	40.0 14	34.0 16	24.0 17	19.0 18	16.0 18	15.0 19	14.0 19	13.0 19
1956	536.0 1	280.0 1	153.0 2	83.0 4	64.0 5	58.0 4	53.0 4	48.0 4	39.0 3
1957	49.0 13	47.0 11	45.0 10	36.0 11	29.0 12	24.0 12	21.0 13	20.0 13	18.0 13
1958	156.0 5	134.0 4	118.0 4	93.0 3	82.0 3	68.0 3	59.0 3	51.0 3	39.0 4
1959	44.0 14	42.0 13	35.0 14	28.0 14	22.0 16	19.0 15	17.0 16	16.0 16	15.0 14
1960	23.0 21	23.0 20	21.0 20	21.0 20	18.0 19	15.0 21	13.0 21	12.0 21	11.0 21
1961	20.0 22	18.0 22	15.0 22	14.0 22	12.0 22	11.0 22	10.0 22	10.0 22	9.3 22
1962	63.0 9	59.0 9	58.0 8	51.0 8	41.0 9	32.0 9	31.0 9	27.0 9	20.0 11
1963	408.0 2	247.0 2	131.0 3	71.0 5	53.0 6	44.0 7	37.0 7	33.0 7	31.0 5
1964	30.0 19	21.0 21	18.0 21	17.0 21	17.0 21	16.0 19	15.0 20	14.0 20	13.0 20
1965	106.0 6	69.0 8	40.0 11	38.0 10	33.0 10	31.0 10	29.0 10	27.0 10	23.0 9
1966	26.0 20	25.0 19	24.0 19	23.0 18	21.0 17	19.0 16	18.0 14	16.0 17	14.0 17
1967	199.0 4	121.0 5	117.0 5	103.0 2	86.0 2	82.0 2	72.0 2	60.0 2	48.0 2
1968	31.0 18	26.0 18	25.0 18	22.0 19	18.0 20	16.0 20	16.0 18	15.0 18	14.0 18
1969	237.0 3	223.0 3	214.0 1	184.0 1	165.0 1	142.0 1	118.0 1	103.0 1	76.0 1
1970	63.0 10	45.0 12	35.0 15	27.0 16	26.0 13	24.0 13	22.0 12	21.0 12	20.0 12
1971	39.0 16	38.0 15	37.0 12	35.0 12	32.0 11	28.0 11	25.0 11	24.0 11	21.0 10
1972	33.0 17	32.0 17	30.0 17	28.0 15	23.0 15	18.0 17	17.0 17	18.0 14	15.0 15
1973	80.0 8	76.0 7	65.0 7	55.0 7	53.0 7	48.0 6	41.0 6	34.0 6	26.0 7
1974	52.0 12	49.0 10	46.0 9	45.0 9	41.0 8	36.0 8	32.0 8	30.0 8	25.0 8
1975	99.0 7	90.0 6	81.0 6	68.0 6	64.0 4	53.0 5	43.0 5	37.0 5	29.0 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.67	11.2	12.4	11.1	12.4	15.3	24.1	34.0	32.0	18.9	10.0	8.95
12.9	10.4	55.1	11.1	35.8	21.8	223	1173	611	380	77.5	27.1
3.59	3.22	7.42	3.34	5.98	4.67	14.9	34.2	24.7	19.5	8.80	5.20
0.79	0.08	3.73	0.79	3.44	1.33	2.52	2.70	1.42	1.51	1.15	0.92
0.37	0.29	0.60	0.30	0.48	0.30	0.62	1.01	0.77	1.03	0.88	0.58
4.83	5.59	6.21	5.56	6.20	7.66	12.1	17.0	16.0	9.47	5.00	4.47

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.7	70.6	8.40	1.56	0.50	-0.185

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.96	1.03	1.05	1.03	1.06	1.17	1.33	1.39	1.38	1.05	0.84	0.89
0.02	0.02	0.03	0.02	0.02	0.02	0.04	0.11	0.12	0.22	0.14	0.06
0.16	0.13	0.17	0.13	0.15	0.12	0.20	0.33	0.35	0.47	0.38	0.24
0.18	-0.20	1.80	0.00	1.80	0.35	1.22	0.72	-0.13	0.10	0.33	0.36
0.16	0.13	0.16	0.12	0.14	0.11	0.15	0.24	0.26	0.45	0.44	0.27
7.26	7.81	7.99	7.79	8.07	8.86	10.1	10.6	10.5	7.98	6.40	6.72

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.18	0.04	0.20	0.45	0.17	-0.077

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	74.0	1960	39.0	1966	39.0	1971	57.0
1955	45.0	1961	26.0	1967	553.0	1972	33.0
1956	1300.0	1962	94.0	1968	42.0	1973	123.0
1957	54.0	1963	652.0	1969	350.0	1974	146.0
1958	375.0	1964	46.0	1970	128.0	1975	146.0
1959	76.0	1965	152.0				

10289000 VIRGINIA CREEK NEAR BRIDGEPORT, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0347	2.0347
STANDARD DEVIATION	0.4685	0.4685
SKEW COEFFICIENTS		
STATION	0.8144	0.8144
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	22	22
PERIOD (YEARS)	22	22

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	15.1	7.4	5.4	2.7	14.1
0.9900	16.9	9.5	7.5	3.7	17.4
0.9500	24.4	19.0	16.8	9.1	31.0
0.9000	30.9	27.5	25.2	14.6	42.9
0.8000	43.0	43.5	41.5	25.7	64.9
0.5000	93.7	106.4	106.4	71.9	157.1
0.2000	250.8	267.0	280.6	179.1	450.7
0.1000	458.1	436.4	481.6	278.8	827.5
0.0400	933.6	742.6	871.9	441.5	1628.0
0.0200	1537.9	1051.4	1329.2	592.4	2551.6
0.0100	2475.0	1441.6	1927.4	771.2	3848.8

10289500 GREEN CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°10'25", long 119°14'00", in NE¼SE¼ sec.29, T.4 N., R.25 E., Mono County, Hydrologic Unit 16050301, on right bank 130 ft (40 m) downstream from county road bridge, 0.1 mi (0.2 km) upstream from diversion to Summers Creek, and 5.5 mi (8.8 km) south of Bridgeport.

DRAINAGE AREA.--19.5 mi^2 (50.5 km^2).

REMARKS.--Flow regulated by West, Green, East, Summit, and other lakes.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																							
1954					10	9	64	60	38	13	10	13	12	7	9	6	4	5	11	12	12	15	15	19	10	4	4	1	2						
1955					21	33	32	48	62	15	11	6	12	14	6	1	6	8	10	14	8	11	11	3	8	10	5	3	2	3		2				
1956					10	39	1	8	13	7	1	6	28	12	12	21	39	14	7	13	9	11	22	11	5	4	3	8	22	15	7	11	6	1	
1957							5	5	6	62	42	47	40	27	14	7	15	14	12	11	8	5	4	7	9	3	8	4	7	3					
1958							11	51	36	57	18	19	7	10	7	2	4	3	5	7	3	5	9	17	20	20	9	21	17	4	2	1			
1959					4	12	14	39	63	33	11	32	14	6	5	3	25	21	25	17	12	6	9	12	2										
1960		2	4	8	40	51	28	18	26	16	5	8	12	10	15	9	24	17	9	12	7	7	11	11	8	3	5								
1961				14	71	46	23	28	10	15	4	9	7	8	22	17	13	9	15	10	9	11	6	7	11										
1962		2	3	32	42	52	12	21	13	8	3	3	3	7	7	3	9	7	11	7	22	17	19	14	7	6	16	11	6	2					
1963			1	1	23	40	8	26	7	9	8	25	28	24	17	10	9	5	12	6	8	3	10	6	14	22	14	22	2	1	4				
1964					2	20	3	14	31	30	22	44	32	25	18	14	23	7	11	9	12	12	12	14	11										
1965		1	4	3	11	29	6	14	9	6		12	22	33	36	12	12	5	7	8	15	10	14	13	23	12	23	19	6						
1966					9	7	10	26	35	40	11	38	31	11	16	8	11	12	17	19	15	12	13	15	9										
1967				22	13	14	4	16	29	17	14	27	28	13	11	6	14	11	8	6	11	7	8	4	7	5	7	23	18	10	1	2		7	2
1968								16	26	52	13	52	39	14	28	13	24	9	21	19	11	5	6	5	10	3									
1969						1	18	28	37	34	10	34	17	2	7	5	15	9	13	10	6	4	7	11	6	2	4	4	19	27	12	7	5	11	
1970										9	16	48	48	33	47	15	28	11	20	13	5	3	4	15	14	9	9	8	9	1					
1971								6	33	54	27	44	12	10	22	8	22	13	18	11	15	13	13	7	5	9	4	14	5						
1972						20	22	41	50	36	4	19	13	18	27	11	16	4	23	12	6	5	9	4	5	14	5	2							
1973						2	31	57	59	36	16	10	7	10	8		9	9	14	9	11	7	5	10	5	10	5	8	12	14	1				
1974								8	7	27	20	40	53	26	30	10	16	12	9	5	7	9	8	20	6	8	3	25	6	2	8				
1975								7	65	60	22	40	17	9	12	9	16	6	13	6	3	4	9	5	10	13	12	9	5	9	4				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0	12	12.0	489	4370	54.4	24	67	203	1010	12.5
1	2.50	5	8035	100.0	13	14.0	342	3881	48.3	25	78	163	807	10.0
2	2.90	12	8030	99.9	14	16.0	389	3539	44.0	26	89	131	644	8.0
3	3.30	80	8018	99.8	15	19.0	197	3150	39.2	27	100	186	513	6.3
4	3.80	256	7938	98.8	16	21.0	346	2953	36.8	28	120	135	327	4.0
5	4.40	375	7682	95.6	17	25.0	212	2607	32.4	29	140	95	192	2.3
6	5.10	287	7307	90.9	18	28.0	293	2395	29.8	30	160	42	97	1.2
7	5.90	537	7020	87.4	19	33.0	237	2102	26.2	31	180	23	55	.6
8	6.80	654	6483	80.7	20	38.0	218	1865	23.2	32	210	11	32	.3
9	7.90	580	5829	72.5	21	44.0	185	1647	20.5	33	240	19	21	.2
10	9.10	308	5249	65.3	22	50.0	225	1462	18.2	34	280	2	2	
11	10.00	571	4941	61.5	23	58.0	227	1237	15.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1955	4.20 8	4.20 8	4.20 7	4.20 7	4.30 6	4.40 5	4.70 5	5.00 3	5.80 3
1956	4.00 7	4.10 7	4.20 8	4.40 8	4.50 7	4.80 7	5.20 8	5.90 6	13.00 20
1957	8.10 20	9.20 20	9.50 20	9.50 20	9.60 20	9.80 20	10.00 19	11.00 19	12.00 19
1958	5.30 14	5.60 13	5.70 13	6.00 13	6.40 13	6.60 12	7.00 12	7.00 10	7.50 7
1959	5.00 11	5.20 11	5.40 10	5.80 11	5.90 9	6.50 11	6.80 10	7.00 11	8.00 8
1960	3.80 6	3.80 6	4.00 6	4.00 5	4.10 4	4.30 4	4.60 4	5.00 4	6.40 4
1961	2.60 2	2.80 2	3.10 1	3.30 1	3.80 3	4.10 2	4.30 2	4.30 1	4.40 1
1962	2.50 1	2.70 1	3.10 2	3.30 2	3.70 1	3.90 1	4.20 1	4.30 2	4.80 2
1963	3.00 4	3.40 5	3.80 4	3.90 4	4.30 5	4.90 8	4.90 6	5.60 5	9.40 13
1964	5.20 13	6.00 15	6.30 15	6.60 15	7.20 16	7.80 17	8.00 16	8.60 16	10.00 15
1965	2.70 3	3.10 3	3.80 5	4.10 6	4.50 8	4.70 6	5.00 7	6.10 7	10.00 16
1966	5.50 15	5.70 14	6.00 14	6.50 14	6.80 14	7.50 15	7.80 15	8.20 15	9.50 14
1967	3.30 5	3.40 4	3.50 3	3.60 3	3.70 2	4.20 3	4.60 3	6.10 8	6.90 6
1968	6.00 16	6.50 16	6.80 18	7.00 18	7.50 19	8.00 18	8.60 18	9.00 18	11.00 17
1969	5.00 12	5.30 12	5.40 11	5.90 12	6.30 12	6.80 13	7.00 13	7.20 13	8.10 9
1970	9.00 21	9.20 21	9.50 21	9.70 21	10.00 21	11.00 21	13.00 21	13.00 21	14.00 21
1971	6.30 17	6.60 19	6.80 19	7.00 19	7.10 15	7.70 16	8.40 17	8.80 17	9.20 12
1972	4.50 10	4.80 10	5.40 12	5.50 10	6.10 11	6.40 10	6.90 11	7.10 12	8.80 11
1973	4.40 9	4.40 9	4.50 9	4.70 9	6.00 10	6.10 9	6.30 9	6.40 9	6.60 5
1974	6.30 18	6.50 17	6.60 16	6.80 16	7.30 17	8.30 19	12.00 20	12.00 20	12.00 18
1975	6.50 19	6.50 18	6.70 17	7.00 17	7.30 18	7.40 14	7.60 14	7.80 14	8.50 10

10289500 GREEN CREEK NEAR BRIDGEPORT, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1954	126.0 14	120.0 14	98.0 16	82.0 16	69.0 16	62.0 16	57.0 15	50.0 15	37.0 14
1955	192.0 5	177.0 4	154.0 8	121.0 10	96.0 14	72.0 14	62.0 14	52.0 14	37.0 15
1956	250.0 3	235.0 3	219.0 3	196.0 3	177.0 3	156.0 2	133.0 2	113.0 2	84.0 2
1957	164.0 10	158.0 10	154.0 9	126.0 8	119.0 8	90.0 11	71.0 12	60.0 12	44.0 13
1958	203.0 4	176.0 5	162.0 5	143.0 7	131.0 6	117.0 4	103.0 4	93.0 4	68.0 4
1959	68.0 22	67.0 22	65.0 22	62.0 21	55.0 22	45.0 22	41.0 21	37.0 21	28.0 21
1960	97.0 17	95.0 17	90.0 17	80.0 17	69.0 17	56.0 17	46.0 17	40.0 18	31.0 18
1961	76.0 20	74.0 20	70.0 20	69.0 18	58.0 21	46.0 21	41.0 22	35.0 22	27.0 22
1962	148.0 12	142.0 11	130.0 12	117.0 11	109.0 10	88.0 12	77.0 10	68.0 10	53.0 9
1963	177.0 7	173.0 6	156.0 6	124.0 9	115.0 9	101.0 8	90.0 6	77.0 7	56.0 7
1964	74.0 21	73.0 21	70.0 21	62.0 22	59.0 20	54.0 18	45.0 19	40.0 19	30.0 19
1965	127.0 13	122.0 13	117.0 14	107.0 14	103.0 12	97.0 9	87.0 9	78.0 5	61.0 5
1966	77.0 19	76.0 19	72.0 19	67.0 19	60.0 19	53.0 19	46.0 18	42.0 17	33.0 17
1967	283.0 1	272.0 1	269.0 1	226.0 2	182.0 2	145.0 3	125.0 3	104.0 3	74.0 3
1968	87.0 18	83.0 18	77.0 18	65.0 20	62.0 18	48.0 20	41.0 20	37.0 20	29.0 20
1969	275.0 2	270.0 2	265.0 2	248.0 1	208.0 1	181.0 1	163.0 1	137.0 1	99.0 1
1970	151.0 11	139.0 12	134.0 11	108.0 13	103.0 13	90.0 10	75.0 11	63.0 11	47.0 11
1971	121.0 15	119.0 15	118.0 13	117.0 12	104.0 11	82.0 13	69.0 13	59.0 13	46.0 12
1972	106.0 16	103.0 16	98.0 15	88.0 15	82.0 15	63.0 15	52.0 16	43.0 16	34.0 16
1973	166.0 9	159.0 9	153.0 10	147.0 6	136.0 4	111.0 5	89.0 7	74.0 8	54.0 8
1974	171.0 8	168.0 8	165.0 4	150.0 5	132.0 5	107.0 6	92.0 5	78.0 6	57.0 6
1975	178.0 6	171.0 7	156.0 7	151.0 4	127.0 7	106.0 7	87.0 8	72.0 9	52.0 10

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
8.30	8.15	8.81	9.01	9.54	11.3	21.4	58.7	98.6	67.2	32.6	13.9
13.9	13.3	23.5	22.1	13.6	8.54	41.8	645	1453	1543	308	67.7
3.73	3.65	4.85	4.70	3.68	2.92	6.47	25.4	38.1	39.3	17.5	8.23
1.06	1.51	2.51	1.55	1.98	0.32	0.46	1.88	0.70	1.02	0.80	0.54
0.45	0.45	0.55	0.52	0.39	0.26	0.30	0.43	0.39	0.58	0.54	0.59
2.39	2.34	2.53	2.59	2.75	3.25	6.17	16.9	28.4	19.3	9.38	4.00

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29.0	106	10.3	0.91	0.35	-0.245

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.88	0.88	0.90	0.91	0.95	1.04	1.31	1.74	1.96	1.76	1.46	1.06
0.03	0.03	0.04	0.04	0.02	0.01	0.02	0.03	0.03	0.06	0.05	0.08
0.18	0.17	0.19	0.20	0.15	0.12	0.13	0.16	0.17	0.25	0.23	0.28
0.29	0.72	0.77	0.59	0.64	-0.34	-0.09	0.71	-0.09	0.18	0.19	-0.08
0.21	0.20	0.21	0.22	0.15	0.11	0.10	0.09	0.09	0.14	0.16	0.26
5.93	5.90	6.06	6.12	6.43	6.99	8.84	11.7	13.2	11.9	9.80	7.16

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.44	0.02	0.15	0.29	0.10	-0.190

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	135.0	1960	109.0	1966	78.0	1971	127.0
1955	237.0	1961	80.0	1967	351.0	1972	111.0
1956	307.0	1962	163.0	1968	94.0	1973	182.0
1957	184.0	1963	199.0	1969	323.0	1974	186.0
1958	233.0	1964	77.0	1970	164.0	1975	202.0
1959	73.0	1965	166.0				

10289500 GREEN CREEK NEAR BRIDGEPORT, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1893	2.1893
STANDARD DEVIATION	0.2068	0.2068
SKEW COEFFICIENTS		
STATION	-0.0531	-0.0531
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	22	22
PERIOD (YEARS)	22	22

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	44.3	47.4	41.2	30.4	62.9
0.9900	50.1	52.9	47.4	35.0	68.9
0.9500	70.2	71.6	68.0	51.8	89.1
0.9000	83.8	84.4	81.2	63.8	102.8
0.8000	103.7	103.4	101.3	81.9	123.3
0.5000	155.3	153.4	153.4	129.0	182.2
0.2000	231.1	230.3	235.4	193.1	290.1
0.1000	283.9	286.0	298.8	234.7	379.4
0.0400	352.8	361.7	388.3	287.5	511.5
0.0200	405.6	421.7	467.7	327.4	623.7
0.0100	459.5	484.8	551.1	367.8	747.8

10290000 SUMMERS CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°09'15", long 119°15'30", in NW¼NE¼ sec.6, T.3 N., R.25 E., Mono County, Hydrologic Unit 16050301, on right bank, 7.5 mi (12.1 km) southwest of Bridgeport.

DRAINAGE AREA.--12.6 mi^2 (32.6 km^2).

REMARKS.--Flow partly regulated by Tamarack Lake, several smaller lakes, and a transarea diversion to Twin Lakes. Diversions for irrigation of about 160 acres (648,000 m^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1954				3		7	14	58	36	60	19	30	36	16	17	26	12	11	7	4	4	4					1								
1955			4	5	6	2	11	6	110	47	38	20	40	18	22	8	12	9	5	2															
1956							21	27	12	6	9	7	36	34	23	16	10	22	13	12	26	11	36	21	9	10	3								2
1957		1	1		3	1	7	3	3	12	13	6	39	49	47	44	34	64	19	3	6	4	4	2											
1958										31	102	46	19	17	5	15	6	10	8	8	19	9	21	23	10	9	3	2	2						
1959		8	11	15	14	8	2	7	2	4	58	99	54	49	15	11	7	1																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	3.9	224	1176	53.7	24	22	19	51	2.3
1	0.70	9	2191	100.0	13	4.5	183	952	43.5	25	25	19	32	1.4
2	0.90	16	2182	99.6	14	5.2	129	769	35.1	26	29	7	13	.5
3	1.10	23	2166	98.9	15	6.0	120	640	29.2	27	34	2	6	.2
4	1.20	23	2143	97.8	16	6.9	81	520	23.7	28	39	2	4	.1
5	1.40	18	2120	96.8	17	8.0	117	439	20.0	29	45		2	
6	1.60	55	2102	95.9	18	9.3	52	322	14.7	30	52		2	
7	1.90	101	2047	93.4	19	11.0	29	270	12.3	31	60		2	
8	2.20	163	1946	88.8	20	12.0	55	241	11.0	32	70		2	
9	2.50	160	1783	81.4	21	14.0	28	186	8.5	33	81		2	
10	2.90	239	1623	74.1	22	16.0	61	158	7.2	34	93	2	2	
11	3.40	208	1384	63.2	23	19.0	46	97	4.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1955	1.10	3	1.20	3	1.70	3	1.80	2	1.90	2	2.00	1	2.30	2	2.30	2	2.40	1
1956	1.00	2	1.00	1	1.10	1	1.40	1	1.70	1	2.00	2	2.10	1	2.20	1	3.20	3
1957	3.90	5	4.00	5	4.00	5	4.10	5	4.20	5	4.50	5	4.80	5	5.10	5	5.90	5
1958	0.80	1	1.00	2	1.20	2	2.00	3	2.20	3	2.80	3	3.10	3	3.20	3	3.10	2
1959	2.80	4	2.90	4	3.00	4	3.10	4	3.10	4	3.40	4	3.50	4	3.60	4	3.60	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1954	30.0	3	17.0	4	13.0	4	12.0	4	9.8	4	7.8	4	7.2	4	6.6	4	5.4	4
1955	11.0	5	10.0	5	9.2	5	8.9	5	8.1	5	6.6	5	5.9	5	5.5	5	4.5	5
1956	175.0	1	98.0	1	49.0	1	27.0	2	22.0	2	20.0	2	19.0	2	18.0	1	14.0	1
1957	21.0	4	19.0	3	17.0	3	14.0	3	12.0	3	10.0	3	9.1	3	8.7	3	7.5	3
1958	42.0	2	40.0	2	36.0	2	30.0	1	24.0	1	21.0	1	20.0	1	17.0	2	13.0	2
1959	9.2	6	8.2	6	7.9	6	7.0	6	6.0	6	5.2	6	4.8	6	4.7	6	4.3	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.03	3.69	5.10	3.76	3.49	4.56	7.94	10.3	11.6	8.96	4.41	3.14
5.30	3.07	19.6	2.77	1.18	1.96	7.19	67.2	48.9	41.8	13.0	1.68
2.30	1.75	4.43	1.66	1.08	1.40	2.68	8.20	6.99	6.47	3.60	1.30
1.89	1.91	2.18	0.89	0.55	-0.02	-0.13	1.27	0.58	0.86	0.90	0.93
0.57	0.47	0.87	0.44	0.31	0.31	0.34	0.80	0.60	0.72	0.82	0.41
5.68	5.20	7.19	5.30	4.93	6.43	11.2	14.5	16.3	12.6	6.22	4.43

10290000 SUMMERS CREEK NEAR BRIDGEPORT, CA--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.92	7.32	2.71	0.59	0.46	-0.290

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.56	0.53	0.61	0.54	0.53	0.64	0.88	0.91	0.99	0.85	0.52	0.47
0.05	0.03	0.08	0.04	0.02	0.02	0.03	0.10	0.08	0.11	0.13	0.03
0.21	0.18	0.29	0.19	0.13	0.14	0.16	0.32	0.28	0.33	0.36	0.17
1.01	1.20	1.55	0.31	0.13	-0.33	-0.61	0.80	0.03	0.15	0.39	0.64
0.38	0.33	0.47	0.35	0.26	0.22	0.18	0.35	0.28	0.38	0.69	0.36
6.94	6.65	7.61	6.73	6.55	7.98	10.9	11.3	12.4	10.6	6.49	5.84

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.73	0.04	0.20	0.30	0.27	-0.213

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	42.0	1956	690.0	1958	70.0	1959	18.0
1955	16.0	1957	26.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6969	1.6969
STANDARD DEVIATION	0.6081	0.6081
SKEW COEFFICIENTS		
STATION	1.6861	1.6861
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	6	6

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	9.8	1.5	0.0	0.0	6.4
0.9900	10.0	2.1	0.4	0.1	8.1
0.9500	11.3	5.2	2.5	0.3	15.8
0.9000	12.7	8.4	5.5	0.8	23.3
0.8000	16.0	15.2	12.0	2.4	39.3
0.5000	34.3	48.6	48.6	16.0	144.9
0.2000	125.7	160.5	206.7	62.2	986.8
0.1000	317.9	303.7	488.6	109.0	3237.3
0.0400	1048.2	605.5	1549.5	188.4	12422.2
0.0200	2544.3	950.9	3973.9	264.4	30510.0
0.0100	6118.6	1432.4	11515.4	356.6	69554.8

10291500 BUCKEYE CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°14'20", long 119°19'30", in NE¼NE¼ sec.4, T.4 N., R.24 E., Mono County, Hydrologic Unit 16050301, in Toiyabe National Forest, on right bank at Buckeye Hot Springs, 0.6 mi (1.0 km) downstream from Eagle Creek, and 5.5 mi (8.8 km) southwest of Bridgeport.

DRAINAGE AREA.--44.1 mi^2 (114.2 km^2).

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1912							1	1	2	2	18	31	34	98	49	56	8	1		1	32	5	4	3	15	5									
1954									51	46	65	57	14	13	8	8	5	4	13	12	12	13	13	14	10	3	2	2							
1955								26	142	30	14	21	20	14	14	5	3	10	11	7	8	10	2	10	7	3	3	5							
1956						1		9	52	10	8	8	28	21	21	12	24	26	11	10	17	17	12	5	3	8	7	20	19	15	2				
1957											20	74	56	36	31	43	15	7	6	14	7	11	5	9	9	9	6	3	4						
1958								1	7	51	123	13	1	5	12	8	6	19	4	4	6	12	8	8	16	11	19	15	10	5	1				
1959									19	27	73	64	37	29	9	12	5	29	13	14	9	11	11	3											
1960						5	37	74	62	31	16	10	7	14	15	15	9	15	13	6	8	10	11	2	6										
1961						5	4	91	65	36	18	27	8	6	19	17	14	6	11	9	7	15	6			1									
1962				2	4	10	18	81	59	3	5	21	10	7	13	6	7	5	6	18	20	18	8	5	14	11	7	6	1						
1963		3	10	8	12			1	1	28	10	25	50	38	20	14	21	6	9	10	6	8	10	7	5	13	23	17	2	2	4	1	1		
1964									13	20	32	49	50	57	33	22	14	8	9	6	5	8	16	8	15	1									
1965							5	38	21	11	8	47	28	23	15	11	7	12	13	10	7	14	11	18	9	16	25	13	2		1				
1966								8	37	50	37	39	36	27	20	7	6	5	18	8	16	20	4	11	15	1									
1967								38	37	13	27	50	30	14	2	8	17	9	8	8	6	13	4	2	8	11	15	7	16	10	3	7	2		
1968									18	18	37	64	39	43	35	21	9	18	8	13	11	17	8	2	5										
1969								10	54	47	33	29	6	3	7	19	11	13	4	11	5	14	7	2	5	4	4	14	24	16	12	11			
1970											13	49	51	51	43	40	18	13	12	5	6	11	11	10	8	11	12	1							
1971								1	7	8	68	55	37	27	19	24	15	10	10	9	9	11	15	6	7	7	16	3	1						
1972								1	17	44	80	52	13	28	29	14	12	9	5	7	9	10	8	10	10	7	1								
1973									41	63	49	45	21	22	7	9	3	15	5	8	8	9	6	3	13	13	14	10	1						
1974										1	6	52	50	55	39	25	10	13	9	5	5	26	6	6	9	15	14	10	9						
1975									1	16	86	80	29	17	15	15	9	9	5	3	4	7	7	5	15	16	8	5	12	1					
1976									21	55	56	71	51	31	23	15	8	6	9	7	5	4	4												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8767	100.0	12	25.0	701	4890	55.8	24	160	198	852	9.7
1	4.50	3	8767	100.0	13	29.0	637	4189	47.8	25	190	175	654	7.4
2	5.30	10	8764	100.0	14	34.0	481	3552	40.5	26	220	170	479	5.4
3	6.10	10	8754	99.9	15	40.0	425	3071	35.0	27	260	116	309	3.5
4	7.20	16	8744	99.7	16	47.0	235	2646	30.2	28	300	101	193	2.2
5	8.40	21	8728	99.6	17	54.0	272	2411	27.5	29	350	51	92	1.0
6	9.80	66	8707	99.3	18	64.0	210	2139	24.4	30	410	20	41	.4
7	11.00	393	8641	98.6	19	74.0	200	1929	22.0	31	480	19	21	.2
8	13.00	761	8248	94.1	20	87.0	233	1729	19.7	32	560	2	2	
9	16.00	604	7487	85.4	21	100.0	304	1496	17.1	33	660			
10	18.00	934	6883	78.5	22	120.0	186	1192	13.6	34	770			
11	21.00	1059	5949	67.9	23	140.0	154	1006	11.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1912	10.00	7	12.00	9	14.00	12	19.00	20	24.00	23	26.00	22	26.00	22	27.00	21	31.00	22
1955	11.00	8	12.00	10	12.00	7	12.00	7	12.00	7	13.00	7	13.00	7	14.00	5	14.00	3
1956	9.60	5	11.00	7	12.00	8	12.00	8	13.00	8	14.00	8	15.00	8	15.00	6	26.00	18
1957	18.00	22	19.00	22	20.00	22	21.00	21	21.00	21	23.00	21	24.00	20	25.00	20	29.00	20
1958	15.00	19	16.00	21	16.00	16	16.00	13	16.00	12	17.00	13	17.00	11	18.00	11	18.00	8
1959	11.00	9	13.00	11	16.00	17	18.00	18	18.00	18	19.00	18	19.00	15	20.00	17	22.00	13
1960	9.00	4	9.30	4	9.60	3	9.90	3	10.00	2	11.00	3	11.00	1	12.00	2	14.00	4
1961	8.40	3	9.10	3	10.00	4	11.00	4	11.00	4	12.00	4	12.00	4	12.00	3	12.00	1
1962	7.00	2	7.30	2	8.90	2	9.60	2	10.00	3	10.00	1	11.00	2	11.00	1	12.00	2
1963	4.50	1	4.80	1	5.50	1	6.00	1	6.90	1	10.00	2	12.00	3	15.00	7	21.00	11
1964	13.00	15	15.00	17	16.00	18	16.00	14	17.00	15	18.00	16	19.00	16	20.00	18	23.00	16
1965	10.00	6	10.00	5	11.00	5	12.00	5	12.00	5	13.00	5	13.00	5	14.00	4	24.00	17
1966	13.00	16	14.00	15	15.00	13	16.00	15	16.00	13	17.00	14	17.00	12	19.00	15	22.00	14
1967	11.00	10	11.00	6	12.00	6	12.00	6	12.00	6	13.00	6	13.00	6	16.00	8	17.00	5
1968	14.00	17	16.00	18	18.00	20	18.00	19	19.00	19	20.00	19	21.00	19	23.00	19	27.00	19
1969	11.00	11	12.00	8	13.00	9	13.00	9	13.00	9	15.00	9	16.00	9	16.00	9	17.00	6
1970	20.00	23	21.00	23	22.00	23	23.00	23	24.00	22	27.00	23	29.00	23	29.00	22	31.00	23
1971	12.00	12	13.00	12	15.00	14	16.00	16	18.00	16	19.00	17	19.00	17	20.00	16	21.00	12
1972	12.00	13	14.00	16	14.00	10	15.00	12	16.00	14	16.00	11	17.00	13	18.00	12	20.00	9
1973	13.00	14	13.00	13	14.00	11	14.00	10	15.00	10	15.00	10	16.00	10	17.00	10	18.00	7
1974	15.00	20	16.00	19	19.00	21	21.00	22	21.00	20	22.00	20	26.00	21	29.00	23	30.00	21
1975	15.00	21	16.00	20	17.00	19	18.00	17	18.00	17	18.00	15	19.00	18	19.00	13	21.00	10
1976	14.00	18	14.00	14	15.00	15	15.00	11	16.00	11	17.00	12	18.00	14	19.00	14	23.00	15

10291500 BUCKEYE CREEK NEAR BRIDGEPORT, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1912	200.0 17	197.0 17	193.0 17	185.0 17	164.0 17	127.0 18	102.0 18	87.0 18	66.0 18
1954	288.0 14	268.0 13	228.0 15	196.0 15	174.0 15	142.0 14	125.0 14	105.0 14	78.0 14
1955	294.0 13	285.0 12	260.0 12	215.0 14	181.0 14	139.0 15	111.0 16	91.0 17	67.0 17
1956	455.0 4	412.0 3	386.0 3	356.0 3	346.0 3	310.0 3	263.0 3	224.0 3	168.0 2
1957	320.0 10	316.0 9	297.0 8	244.0 12	220.0 11	170.0 12	140.0 13	116.0 13	86.0 13
1958	422.0 6	393.0 4	373.0 4	333.0 4	284.0 4	266.0 4	233.0 4	198.0 4	144.0 4
1959	150.0 23	141.0 22	131.0 22	126.0 22	107.0 22	96.0 22	84.0 22	73.0 21	56.0 21
1960	188.0 20	186.0 19	174.0 19	151.0 19	122.0 20	102.0 21	85.0 21	73.0 22	54.0 22
1961	196.0 18	128.0 23	123.0 23	116.0 23	105.0 23	85.0 23	71.0 23	61.0 23	48.0 23
1962	302.0 12	294.0 11	277.0 10	247.0 11	220.0 12	170.0 13	152.0 10	134.0 10	99.0 10
1963	509.0 3	385.0 5	347.0 5	290.0 7	257.0 7	227.0 7	189.0 7	158.0 7	115.0 7
1964	160.0 22	149.0 21	147.0 21	134.0 20	128.0 19	111.0 19	89.0 19	76.0 20	57.0 20
1965	432.0 5	318.0 8	290.0 9	254.0 9	248.0 8	229.0 6	202.0 5	179.0 5	133.0 5
1966	192.0 19	187.0 18	183.0 18	173.0 18	162.0 18	131.0 17	114.0 15	97.0 15	72.0 15
1967	639.0 1	585.0 1	562.0 1	492.0 2	424.0 2	342.0 2	287.0 2	237.0 2	167.0 3
1968	174.0 21	168.0 20	157.0 20	133.0 21	120.0 21	105.0 20	89.0 20	77.0 19	60.0 19
1969	556.0 2	553.0 2	543.0 2	508.0 1	455.0 1	398.0 1	352.0 1	292.0 1	210.0 1
1970	260.0 15	253.0 15	244.0 14	222.0 13	199.0 13	174.0 11	141.0 12	118.0 12	90.0 12
1971	308.0 11	262.0 14	256.0 13	254.0 10	231.0 10	181.0 10	151.0 11	126.0 11	96.0 11
1972	224.0 16	220.0 16	209.0 16	193.0 16	170.0 16	136.0 16	109.0 17	91.0 16	70.0 16
1973	334.0 9	299.0 10	264.0 11	258.0 8	248.0 9	210.0 9	170.0 9	140.0 9	101.0 9
1974	339.0 8	337.0 6	322.0 7	304.0 6	280.0 5	231.0 5	194.0 6	165.0 6	121.0 6
1975	350.0 7	335.0 7	324.0 6	312.0 5	270.0 6	226.0 8	186.0 8	151.0 8	109.0 8
1976	138.0 24	127.0 24	119.0 24	102.0 24	88.0 24	67.0 24	54.0 24	46.0 24	37.0 24

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
22.8	22.2	22.4	20.4	21.0	24.2	47.5	133	205	128	51.8	29.2
82.1	68.2	105	56.0	65.4	44.5	321	3372	10090	10520	1160	227
9.06	8.26	10.2	7.48	8.09	6.67	17.9	58.1	100	103	34.1	15.1
0.70	1.00	1.74	0.93	2.16	0.24	0.51	1.55	0.70	1.29	0.86	0.95
0.40	0.37	0.46	0.37	0.39	0.28	0.38	0.44	0.49	0.80	0.66	0.52
3.14	3.05	3.08	2.80	2.88	3.32	6.52	18.3	28.1	17.6	7.11	4.01

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
58.8	503	22.4	0.86	0.38	-0.233

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.33	1.32	1.32	1.28	1.30	1.37	1.65	2.09	2.26	1.98	1.63	1.41
0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.03	0.05	0.12	0.08	0.05
0.17	0.15	0.17	0.15	0.14	0.12	0.17	0.17	0.23	0.34	0.28	0.22
0.15	0.27	0.57	0.14	0.86	-0.28	-0.23	0.22	-0.59	0.12	0.28	0.27
0.13	0.12	0.13	0.12	0.11	0.09	0.10	0.08	0.10	0.17	0.17	0.15
7.01	6.97	6.95	6.78	6.86	7.22	8.70	11.0	11.9	10.5	8.60	7.47

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.03	0.16	0.19	0.09	-0.154

10291500 BUCKEYE CREEK NEAR BRIDGEPORT, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	404.0	1960	261.0	1966	231.0	1972	287.0
1955	438.0	1961	526.0	1967	772.0	1973	454.0
1956	700.0	1962	388.0	1968	241.0	1974	384.0
1957	414.0	1963	947.0	1969	633.0	1975	392.0
1958	540.0	1964	216.0	1970	308.0	1976	198.0
1959	201.0	1965	700.0	1971	422.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5985	2.5985
STANDARD DEVIATION	0.1958	0.1958
SKEW COEFFICIENTS		
STATION	0.1067	0.1067
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	23	23
PERIOD (YEARS)	23	23

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	129.9	129.6	114.3	86.0	168.5
0.9900	144.0	143.7	130.1	98.4	183.7
0.9500	191.6	191.4	182.7	142.1	234.4
0.9000	223.8	223.7	215.9	172.9	268.5
0.8000	270.9	270.9	265.9	218.7	319.1
0.5000	393.6	393.8	393.8	335.5	461.7
0.2000	578.4	578.5	590.1	491.3	715.8
0.1000	710.6	710.4	738.9	591.2	921.2
0.0400	888.1	887.2	946.1	716.9	1220.1
0.0200	1027.6	1026.0	1127.3	810.9	1470.2
0.0100	1173.3	1170.7	1316.2	905.8	1743.6

10292000 SWAUGER CREEK NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°17'00", long 119°17'55", in NE¼NW¼ sec.23, T.5 N., R.24 E., Mono County, Hydrologic Unit 16050301, on right bank 0.8 mi (1.3 km) downstream from Yaney Canyon and 4 mi (6 km) northwest of Bridgeport.

DRAINAGE AREA.--52.8 mi^2 (136.8 km^2).

REMARKS.--Diversions for irrigation of about 1,000 acres (4.0 km^2) above station.

DISCHARGE, IN CUBIC FEET PER SECOND

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1954				11	56	12	13	5	5	4	7	14	63	67	37	35	7	12	6	4	1	5			1										
1955				17	54	8	9	10	7	22	27	45	95	42	17	12																			
1956					5	3		1	1	15	34	2	25	52	32	40	16	18	14	17	9	9	16	17	19	16	3	1					1		
1957				8	17	12	17	8	10	16	8	11	27	76	55	26	22	26	7	11	8														
1958									1		8	52	84	58	40	17	4	9	10	7	6	7	2	5	6	3	10	9	18	8	1				
1959				37	33	11	8	10	7	3	4	7	12	42	91	50	18	16	9	6	1														
1960			4	30	24	29	17	11	11	47	81	72	17	15	6	2																			
1961		6	25	27	18	20	24	59	23	59	54	43	4	2		1																			
1962					4	6	30	27	48	67	59	18	11	4	5	6	1	11	12	16	12	7	7	2	5	4	3								
1963					3	2	19	12	16	17	25	53	52	32	40	15	6	20	6	11	4	15	12	2	1	1								1	
1964			2	52	32	9	6	6	6	7	33	31	81	44	44	12		1																	
1965				1	20	1	3	8	15	11	39	27	37	59	47	16	12	11	28	14	6	7	2		1										
1966					33	13	14	25	9	6	23	9	38	95	27	8	10	27	18	10															
1967								2	2	2	21	29	60	43	26	26	27	26	31	6	9	6	7	4	16	7	2		4	3	5	1			
1968				6	30	12	17	15	6	7	13	17	20	44	89	69	13	5	2	1															
1969								1	5	18	17	69	45	15	7	35	18	7	7	5	6	13	9	7	6	5	6	6	19	10	9	10	5	2	3
1970					7	21	13	14	13	2	14	17	9	32	49	59	55	38	13	6	3														
1971				1	1	5	7	13	20	7	29	65	37	26	32	9	22	22	24	40	4	1													
1972			3	22	10	19	4	12	5	16	60	56	43	21	24	22	26	14	7		1				1									
1973							3	4	15	22	68	130	28	15	3		9	4	8	7	11	7	11	15	5									
1974								1	7	25	34	56	41	68	19	16	17	23	12	34	12													
1975									3	2	14	62	108	42	31	8	5	20	4	3	7	10	10	4	13	10	6	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8035	100.0
1	1.00	6	8035	100.0
2	1.30	31	8029	99.9
3	1.50	192	7998	99.5
4	1.80	352	7806	97.1
5	2.20	156	7454	92.8
6	2.50	222	7298	90.8
7	3.00	227	7076	88.1
8	3.60	216	6849	85.2
9	4.20	364	6633	82.6
10	5.00	527	6269	78.0
11	5.90	718	5742	71.5
12	7.0	1057	5024	62.5
13	8.2	956	3967	49.4
14	9.8	767	3011	37.5
15	12.0	528	2244	27.9
16	14.0	268	1716	21.4
17	16.0	323	1448	18.0
18	19.0	271	1125	14.0
19	23.0	176	854	10.6
20	27.0	152	678	8.4
21	32.0	107	526	6.5
22	37.0	73	419	5.2
23	44.0	58	346	4.3
24	52	75	288	3.5
25	62	54	213	2.6
26	73	34	159	1.9
27	86	22	125	1.5
28	100	44	103	1.2
29	120	21	59	.7
30	140	15	38	.4
31	170	11	23	.2
32	200	6	12	.1
33	240	3	6	
34	280	3	3	

STATION NUMBER 10292000

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1955	1.70 9	1.70 9	1.70 8	1.80 6	1.80 6	1.90 6	2.10 6	2.60 6	4.00 6
1956	1.60 5	1.60 4	1.60 4	1.70 4	1.70 4	1.80 3	2.00 2	2.40 4	3.60 4
1957	5.90 20	6.50 20	6.80 19	7.50 19	7.80 18	8.40 18	8.70 18	9.10 18	9.20 18
1958	1.70 6	1.70 5	1.70 5	1.80 7	2.10 9	2.70 10	3.00 9	3.80 9	5.00 11
1959	5.00 18	6.30 19	7.00 20	7.80 20	8.80 20	9.50 20	10.00 20	10.00 19	10.00 19
1960	1.50 4	1.70 6	1.70 6	1.70 5	1.70 5	1.80 4	2.00 3	2.60 5	3.60 5
1961	1.40 3	1.40 2	1.40 2	1.50 2	1.60 3	1.80 5	2.00 4	2.20 2	2.90 2
1962	1.10 1	1.10 1	1.20 1	1.30 1	1.40 1	1.50 1	2.00 5	2.30 3	2.90 3
1963	1.80 10	2.10 11	2.20 11	2.50 11	2.90 12	3.30 12	4.20 11	4.90 11	4.70 8
1964	2.60 14	3.20 14	3.90 14	5.00 14	5.40 14	5.80 14	6.50 15	7.10 16	7.70 15
1965	1.40 2	1.50 3	1.50 3	1.60 3	1.60 2	1.70 2	1.80 1	1.80 1	2.70 1
1966	5.00 19	5.20 17	5.40 17	5.80 17	6.90 17	7.40 17	7.70 17	7.90 17	8.00 17
1967	1.80 11	1.80 10	1.80 9	1.90 8	2.10 10	2.50 9	2.80 7	3.20 7	4.80 9
1968	4.50 17	5.50 18	6.70 18	7.50 18	8.50 19	9.10 19	9.80 19	10.00 20	11.00 20
1969	1.70 7	1.70 7	1.70 7	1.90 9	2.00 7	2.30 7	2.80 8	3.50 8	4.40 7
1970	9.00 21	9.00 21	9.30 21	10.00 21	11.00 21	12.00 21	12.00 21	13.00 21	14.00 21
1971	2.20 13	2.20 12	2.50 12	2.60 12	2.70 11	3.10 11	4.20 12	5.00 12	6.10 12
1972	2.10 12	2.60 13	3.10 13	3.70 13	4.20 13	4.90 13	5.60 13	6.10 13	6.60 13
1973	1.70 8	1.70 8	1.80 10	1.90 10	2.10 8	2.40 8	3.20 10	4.00 10	4.90 10
1974	3.30 15	3.70 15	4.50 15	5.10 15	5.50 15	6.10 15	6.40 14	6.70 14	7.80 16
1975	3.80 16	4.30 16	4.80 16	5.50 16	6.10 16	6.50 16	6.60 16	7.00 15	7.40 14

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1954	52.0 11	36.0 11	33.0 11	26.0 12	21.0 16	18.0 15	16.0 16	14.0 16	12.0 17
1955	13.0 20	12.0 20	12.0 19	11.0 19	10.0 20	9.6 20	9.0 20	8.6 19	8.2 19
1956	228.0 3	101.0 6	70.0 5	65.0 5	58.0 5	56.0 5	49.0 5	42.0 4	33.0 4
1957	31.0 15	31.0 14	29.0 14	26.0 13	23.0 13	18.0 16	17.0 13	16.0 13	13.0 14
1958	143.0 5	133.0 3	128.0 3	120.0 3	110.0 2	92.0 2	70.0 2	56.0 2	40.0 2
1959	28.0 16	26.0 16	25.0 16	23.0 16	20.0 17	17.0 17	15.0 17	14.0 17	13.0 15
1960	13.0 21	12.0 21	11.0 21	9.7 21	8.1 21	7.4 21	7.2 21	6.8 21	6.4 21
1961	13.0 22	8.6 22	7.0 22	6.6 22	6.1 22	5.9 22	5.8 22	5.6 22	4.9 22
1962	82.0 7	77.0 7	70.0 6	61.0 6	48.0 7	36.0 7	30.0 7	24.0 7	18.0 9
1963	245.0 2	120.0 4	69.0 7	40.0 8	36.0 8	28.0 8	23.0 10	20.0 10	18.0 10
1964	16.0 19	13.0 19	12.0 20	11.0 20	11.0 19	9.8 19	9.1 19	8.5 20	8.2 20
1965	60.0 9	38.0 9	34.0 10	30.0 10	25.0 11	24.0 11	20.0 11	17.0 12	15.0 12
1966	26.0 17	25.0 17	24.0 17	23.0 17	21.0 14	19.0 13	17.0 14	15.0 14	12.0 16
1967	171.0 4	165.0 2	151.0 2	127.0 2	94.0 3	67.0 3	51.0 3	44.0 3	33.0 3
1968	23.0 18	21.0 18	19.0 18	17.0 18	15.0 18	13.0 18	12.0 18	12.0 18	11.0 18
1969	290.0 1	283.0 1	260.0 1	219.0 1	190.0 1	154.0 1	124.0 1	101.0 1	72.0 1
1970	34.0 14	30.0 15	29.0 15	25.0 14	23.0 12	21.0 12	20.0 12	19.0 11	17.0 11
1971	37.0 12	35.0 12	31.0 12	30.0 11	28.0 10	27.0 10	26.0 8	23.0 8	19.0 7
1972	53.0 10	38.0 10	30.0 13	25.0 15	21.0 15	18.0 14	16.0 15	15.0 15	13.0 13
1973	70.0 8	65.0 8	61.0 8	58.0 7	54.0 6	44.0 6	35.0 6	28.0 6	21.0 6
1974	36.0 13	35.0 13	34.0 9	32.0 9	30.0 9	28.0 9	25.0 9	22.0 9	18.0 8
1975	110.0 6	103.0 5	99.0 4	84.0 4	80.0 4	62.0 4	50.0 4	41.0 5	30.0 5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.24	7.98	8.05	8.28	10.0	12.5	24.4	35.7	22.0	7.64	5.36	5.88
6.69	5.77	8.51	8.29	17.5	24.1	446	1767	472	60.0	16.6	11.8
2.59	2.40	2.92	2.88	4.19	4.91	21.1	42.0	21.7	7.75	4.08	3.43
0.57	0.16	1.90	1.27	1.94	0.27	2.48	2.24	1.71	1.96	1.09	0.74
0.36	0.30	0.36	0.35	0.42	0.39	0.87	1.18	0.99	1.01	0.76	0.58
4.67	5.15	5.20	5.34	6.46	8.04	15.7	23.0	14.2	4.93	3.46	3.80

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.9	63.5	7.97	1.92	0.62	-0.126

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.83	0.88	0.86	0.90	0.97	1.06	1.27	1.32	1.15	0.71	0.61	0.70
0.03	0.02	0.02	0.02	0.02	0.04	0.10	0.20	0.18	0.15	0.10	0.07
0.17	0.14	0.14	0.14	0.16	0.20	0.32	0.45	0.42	0.39	0.32	0.26
-0.67	-0.50	0.53	0.55	0.72	-1.21	0.11	0.31	0.13	0.44	0.33	-0.05
0.20	0.16	0.16	0.15	0.16	0.19	0.25	0.34	0.37	0.56	0.52	0.38
7.36	7.82	7.83	7.94	8.61	9.37	11.3	11.7	10.2	6.26	5.45	6.17

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.05	0.06	0.24	0.27	0.23	0.017

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	77.0	1960	20.0	1966	35.0	1971	58.0
1955	24.0	1961	114.0	1967	228.0	1972	120.0
1956	585.0	1962	136.0	1968	47.0	1973	89.0
1957	51.0	1963	443.0	1969	393.0	1974	58.0
1958	361.0	1964	16.0	1970	47.0	1975	169.0
1959	35.0	1965	92.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.9442	1.9442
STANDARD DEVIATION	0.4451	0.4451
SKEW COEFFICIENTS		
STATION	0.2785	0.2785
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	22	22
PERIOD (YEARS)	22	22

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	8.2	6.9	5.1	2.6	12.7
0.9900	10.0	8.7	6.9	3.6	15.4
0.9500	17.7	16.8	15.0	8.4	26.8
0.9000	24.5	23.9	22.0	13.1	36.5
0.8000	36.7	36.9	35.4	22.4	54.0
0.5000	83.9	86.5	86.5	59.6	125.2
0.2000	204.9	207.2	217.2	141.8	340.8
0.1000	335.9	330.5	363.0	215.9	607.0
0.0400	581.3	547.7	638.0	334.2	1154.7
0.0200	838.2	762.1	952.3	441.9	1769.7
0.0100	1174.3	1028.7	1355.6	567.8	2615.1

10292300 BRIDGEPORT RESERVOIR TRIBUTARY NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°17'15", long 119°12'50", in SE¼SE¼ sec.16, T.5 N., R.25 E., Mono County, Hydrologic Unit 16050301, on upstream side of State Highway 22, 0.5 mi (0.8 km) upstream from Rock Springs Canyon, and 2.4 mi (3.9 km) north of Bridgeport.

DRAINAGE AREA.--0.79 mi² (2.05 km²).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	56.0	1966	1.3	1969	20.0	1972	5.0
1964	0.2	1967	98.0	1970	12.0	1973	13.0
1965	0.2	1968	0.1	1971	5.7		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.5822	0.5822
STANDARD DEVIATION	1.0218	1.0218
SKEW COEFFICIENTS		
STATION	-0.3707	-0.3707
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.0	0.0	0.0	0.0	0.1
0.9500	0.1	0.1	0.0	0.0	0.4
0.9000	0.2	0.2	0.1	0.0	0.7
0.8000	0.6	0.5	0.4	0.1	1.7
0.5000	4.4	3.7	3.7	1.0	12.8
0.2000	28.5	27.3	34.1	8.2	168.1
0.1000	69.9	79.8	123.0	21.2	778.1
0.0400	171.5	254.5	520.5	55.3	4354.1
0.0200	296.9	543.4	1613.5	101.5	13723.9
0.0100	476.5	1081.7	4582.6	174.2	39297.5

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH, NEAR MASON, NV

LOCATION.--Lat 38°48'45", long 119°02'50", in NW¼SW¼ sec.14, T.11 N., R.26 E., Lyon County, Hydrologic Unit 16050303, on right bank 0.9 mi (1.4 km) upstream from head of Strosnider ditch, 12 mi (19 km) southeast of Mason, and 13.5 mi (21.7 km) southeast of Yerington.

DRAINAGE AREA.--1.100 mi^2 (2,849 km^2), approximately.

REMARKS.--Diversions for irrigation above station. Flow regulated by Bridgeport Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1948		6	3	2	4	1	1	4	3	8	5	24	64	41	16	11	11	25	17	16	18	45	38	3										
1949										59	28	48	38	11	12	11	4	8	11	20	12	37	42	17	7									
1950						1	2	6	5	11	36	40	50	11	15	15	6	12	8	9	37	22	48	20	11									
1951											4	7	9	20	13	25	24	28	13	11	22	50	46	37	40	4	3	5	4					
1952										1	8	1	52	28	15	6	5	1	5	1	12	6	31	4	15	23	28	10	16	31	48	16	3	
1953															2	47	32	19	13	10	27	81	55	11	20	38	7	3						
1954											9	26	52	41	9	12	3	8	10	8	31	62	24	21	49									
1955							2	3		6	7	22	79	33	33	20	17	23	16	13	27	37	15	12										
1956										20	15	6	5	2	21	10	12	6	14	7	33	7	30	14	30	51	11	6	15	10	28	11	1	1
1957															3	59	27	19	10	6	32	43	15	75	59	12	5						
1958														18	83	55	25	5			1				3	35	56	34	20	13	11	6		
1959													40	27	8	4	28	22	17	14	37	100	47	16	5									
1960								5	7	8	62	59	33	21	19	10	14	10	35	24	30	19	10											
1961		4	2	2	2	5	3	12	6	18	70	45	31	18	25	57	11	7	13	19	4	5	1	2	2		1							
1962						1	2	8	11	17	52	36	19	18	18	3	2	1	1	3	8	35	19	43	28	16	22	1	1					
1963										2	15	12	22	35	24	18	12	9	4	20	14	11	9	13	55	10	17	19	8	13	10	4	6	2	1
1964													13	17	104	14	12	17	18	31	41	36	30	25	8									
1965											4	19	61	31	12	16	9	16	8	9	1	3	19	17	53	35	26	17	4	5				
1966														1	17	14	8	39	23	5	39	64	76	56	16	1	6							
1967											4	7	55	67	29	4					1	7	11	14	13	31	34	23	23	13	10	9	6	3	1
1968															8	27	8	20	77	15	24	100	62	18	3	4								
1969												3	44	29	11	4	19	14	1			3	8	11	16	9	31	27	17	13	21	31	41	12	
1970															22	35	8	15	10	13	40	36	42	33	51	36	14	4	4	1		1			
1971											3	14	26	46	31	14	10	20	11	10	14	23	21	17	52	33	10	6	4					
1972										3	6	13	26	34	37	12	2	5	22	22	24	52	50	22	31	5								
1973									3	8	4	3	5	33	90	21	4	3	1	7	6	11	14	29	34	32	30	7	5	14	1			
1974													2	6	67	30	19	12	4	7	19	32	18	14	46	35	31	15	6	2				
1975													9	27	54	54	16	4	2	5	16	12	8	7	19	62	32	7	17	14				
1976		3			1	2				1	10	20	15	31	88	20	10	19	13	6	23	58	33	9	4									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10593	100.0	12	25.0	750	9562	90.3	24	210	670	2247	21.2
1	3.30	13	10593	100.0	13	30.0	646	8812	83.2	25	260	472	1577	14.8
2	4.10	5	10580	99.9	14	35.0	886	8166	77.1	26	310	364	1105	10.4
3	4.90	4	10575	99.8	15	42.0	628	7280	68.7	27	370	184	741	6.9
4	5.80	7	10571	99.8	16	51.0	358	6652	62.8	28	440	144	557	5.2
5	7.00	10	10564	99.7	17	61.0	387	6294	59.4	29	530	129	413	3.8
6	8.40	10	10554	99.6	18	73.0	377	5907	55.8	30	630	129	284	2.6
7	10.00	38	10544	99.5	19	87.0	311	5530	52.2	31	760	78	155	1.4
8	12.00	35	10506	99.2	20	100.0	593	5219	49.3	32	910	57	77	.7
9	14.00	162	10471	98.8	21	120.0	997	4626	43.7	33	1100	18	20	.1
10	17.00	342	10309	97.3	22	150.0	822	3629	34.3	34	1300	2	2	
11	21.00	405	9967	94.1	23	180.0	560	2807	26.5					

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH, NEAR MASON, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1949	10.00 5	14.00 7	14.00 7	14.00 5	14.00 4	15.00 2	17.00 2	19.00 3	22.00 1
1950	8.00 3	8.50 3	9.40 3	11.00 2	13.00 2	17.00 4	19.00 4	21.00 5	25.00 5
1951	20.00 17	20.00 15	21.00 16	22.00 14	28.00 19	32.00 17	40.00 23	56.00 23	80.00 22
1952	16.00 11	17.00 11	18.00 11	21.00 12	25.00 12	28.00 14	28.00 10	33.00 12	73.00 20
1953	40.00 27	41.00 27	42.00 27	46.00 28	48.00 27	66.00 28	85.00 27	83.00 26	90.00 24
1954	19.00 16	20.00 16	20.00 13	21.00 13	22.00 10	24.00 8	25.00 6	27.00 7	46.00 13
1955	9.60 4	9.70 4	11.00 4	14.00 6	18.00 7	23.00 6	25.00 7	26.00 6	28.00 6
1956	14.00 8	14.00 8	14.00 8	15.00 7	16.00 6	24.00 7	31.00 14	41.00 20	65.00 18
1957	41.00 28	42.00 28	43.00 28	45.00 27	46.00 26	47.00 25	52.00 24	68.00 24	95.00 25
1958	33.00 23	33.00 23	33.00 23	34.00 22	35.00 22	35.00 22	36.00 19	38.00 17	43.00 10
1959	26.00 21	26.00 20	26.00 19	26.00 19	27.00 17	29.00 16	36.00 20	44.00 22	74.00 21
1960	11.00 6	11.00 5	12.00 5	13.00 4	15.00 5	18.00 5	19.00 5	19.00 4	23.00 2
1961	5.20 2	5.50 2	6.50 2	8.20 1	11.00 1	15.00 3	17.00 3	18.00 1	23.00 3
1962	3.40 1	3.60 1	4.60 1	12.00 3	14.00 3	14.00 1	16.00 1	18.00 2	23.00 4
1963	15.00 10	16.00 10	19.00 12	20.00 10	21.00 8	25.00 9	28.00 11	36.00 14	83.00 23
1964	25.00 20	25.00 19	26.00 20	27.00 20	30.00 20	33.00 18	35.00 17	35.00 13	46.00 14
1965	18.00 13	21.00 17	22.00 17	23.00 15	25.00 13	26.00 10	27.00 8	28.00 8	40.00 8
1966	37.00 24	39.00 26	40.00 24	41.00 25	52.00 28	62.00 26	88.00 28	108.00 28	115.00 27
1967	18.00 14	19.00 13	21.00 14	23.00 16	25.00 14	28.00 15	30.00 12	30.00 9	34.00 7
1968	37.00 25	38.00 24	40.00 25	41.00 26	42.00 25	63.00 27	68.00 25	81.00 25	98.00 26
1969	24.00 18	24.00 18	25.00 18	25.00 18	26.00 16	27.00 13	32.00 15	39.00 18	66.00 19
1970	37.00 26	39.00 25	40.00 26	40.00 24	41.00 24	44.00 24	68.00 26	92.00 27	121.00 28
1971	18.00 15	19.00 14	21.00 15	23.00 17	25.00 15	33.00 19	38.00 21	39.00 19	44.00 11
1972	14.00 9	15.00 9	17.00 9	20.00 11	22.00 9	26.00 11	28.00 9	30.00 10	50.00 16
1973	12.00 7	13.00 6	14.00 6	19.00 8	28.00 18	34.00 21	36.00 18	37.00 15	43.00 9
1974	25.00 19	28.00 21	31.00 22	34.00 23	37.00 23	39.00 23	40.00 22	42.00 21	63.00 17
1975	27.00 22	28.00 22	29.00 21	30.00 21	30.00 21	33.00 20	35.00 16	37.00 16	49.00 15
1976	17.00 12	18.00 12	18.00 10	20.00 9	24.00 11	27.00 12	30.00 13	31.00 11	45.00 12

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1948	193.0 28	191.0 28	179.0 27	167.0 27	161.0 26	154.0 25	145.0 25	136.0 25	112.0 25
1949	233.0 25	224.0 23	218.0 22	206.0 21	193.0 21	175.0 21	163.0 21	155.0 21	122.0 24
1950	222.0 26	221.0 24	218.0 23	212.0 20	198.0 20	183.0 20	171.0 20	159.0 20	131.0 22
1951	474.0 13	462.0 12	396.0 13	304.0 15	256.0 16	235.0 16	224.0 16	203.0 16	176.0 16
1952	1000.0 5	976.0 4	856.0 4	780.0 4	761.0 3	703.0 2	659.0 2	599.0 2	529.0 2
1953	390.0 15	388.0 15	348.0 14	306.0 14	298.0 14	274.0 14	247.0 14	222.0 14	187.0 15
1954	257.0 21	255.0 20	249.0 19	242.0 19	237.0 17	210.0 17	205.0 17	191.0 17	165.0 17
1955	205.0 27	202.0 27	199.0 26	189.0 25	167.0 24	148.0 26	140.0 26	126.0 26	102.0 27
1956	1130.0 4	869.0 5	828.0 5	717.0 5	700.0 5	652.0 4	562.0 4	487.0 4	400.0 5
1957	316.0 18	313.0 17	309.0 17	290.0 16	268.0 15	238.0 15	228.0 15	221.0 15	188.0 14
1958	814.0 7	795.0 6	756.0 6	665.0 6	550.0 6	471.0 6	476.0 6	447.0 5	402.0 4
1959	244.0 22	229.0 22	209.0 24	183.0 26	166.0 25	159.0 22	153.0 24	149.0 24	141.0 20
1960	174.0 29	172.0 29	152.0 29	133.0 28	118.0 28	108.0 28	107.0 28	103.0 28	83.0 28
1961	354.0 17	219.0 25	172.0 28	110.0 29	106.0 29	78.0 29	78.0 29	70.0 29	54.0 29
1962	454.0 14	400.0 14	326.0 16	311.0 13	310.0 12	289.0 12	261.0 12	234.0 13	202.0 13
1963	1360.0 1	1260.0 2	1120.0 3	882.0 3	756.0 4	585.0 5	484.0 5	423.0 6	327.0 6
1964	240.0 23	238.0 21	226.0 21	201.0 23	186.0 22	158.0 24	162.0 22	151.0 22	131.0 23
1965	615.0 9	598.0 9	533.0 9	433.0 10	410.0 9	370.0 9	332.0 9	308.0 10	272.0 9
1966	369.0 16	368.0 16	345.0 15	255.0 17	217.0 19	188.0 19	175.0 19	172.0 19	156.0 19
1967	1300.0 2	1290.0 1	1140.0 2	999.0 2	855.0 2	654.0 3	564.0 3	510.0 3	427.0 3
1968	265.0 20	265.0 19	249.0 20	202.0 22	168.0 23	159.0 23	156.0 23	150.0 23	137.0 21
1969	1250.0 3	1210.0 3	1190.0 1	1130.0 1	1060.0 1	986.0 1	920.0 1	860.0 1	693.0 1
1970	850.0 6	617.0 7	434.0 11	398.0 11	300.0 13	276.0 13	259.0 13	245.0 12	206.0 12
1971	515.0 12	450.0 13	423.0 12	375.0 12	335.0 11	299.0 11	287.0 11	264.0 11	223.0 11
1972	275.0 19	269.0 18	264.0 18	246.0 18	220.0 18	203.0 18	193.0 18	179.0 18	164.0 18
1973	633.0 8	607.0 8	590.0 7	581.0 7	463.0 8	389.0 8	351.0 8	326.0 8	274.0 8
1974	543.0 11	534.0 11	490.0 10	439.0 9	383.0 10	333.0 10	331.0 10	313.0 9	265.0 10
1975	604.0 10	596.0 10	586.0 8	573.0 8	520.0 7	422.0 7	385.0 7	355.0 7	308.0 7
1976	238.0 24	210.0 26	208.0 25	191.0 24	152.0 27	129.0 27	130.0 27	125.0 27	108.0 26

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
70.5	41.7	48.6	51.7	68.1	83.8	169	244	296	281	216	159
1551	658	1585	2545	4998	6515	32150	32590	48310	32130	9960	7820
39.4	25.7	39.8	50.5	70.7	80.7	179	181	220	179	99.8	88.4
1.09	2.77	2.35	2.92	2.13	2.11	2.71	2.32	1.94	1.47	0.48	0.42
0.56	0.61	0.82	0.98	1.04	0.96	1.06	0.74	0.74	0.64	0.46	0.56
4.08	2.41	2.81	2.99	3.94	4.84	9.78	14.1	17.1	16.2	12.5	9.19

10293500 EAST WALKER RIVER ABOVE STROSNIDER DITCH, NEAR MASON, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
144	6345	79.7	1.44	0.55	0.015

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.79	1.57	1.60	1.60	1.67	1.75	2.09	2.30	2.38	2.37	2.29	2.12
0.05	0.03	0.07	0.09	0.12	0.16	0.11	0.07	0.07	0.07	0.04	0.08
0.23	0.19	0.26	0.30	0.35	0.40	0.33	0.27	0.27	0.27	0.21	0.28
0.36	1.61	1.01	0.99	0.88	-0.08	0.29	0.11	0.59	-0.23	0.02	-0.51
0.13	0.12	0.17	0.19	0.21	0.23	0.16	0.12	0.11	0.11	0.09	0.13
7.60	6.68	6.78	6.78	7.11	7.45	8.87	9.79	10.1	10.1	9.72	9.03

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.10	0.05	0.23	-0.05	0.11	0.208

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	246.0	1955	243.0	1963	2380.0	1970	850.0
1948	197.0	1956	1640.0	1964	252.0	1971	613.0
1949	239.0	1957	318.0	1965	813.0	1972	284.0
1950	226.0	1958	935.0	1966	376.0	1973	679.0
1951	489.0	1959	372.0	1967	1320.0	1974	589.0
1952	1400.0	1960	179.0	1968	269.0	1975	622.0
1953	409.0	1961	750.0	1969	1400.0	1976	442.0
1954	259.0	1962	468.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6964	2.6964
STANDARD DEVIATION	0.3055	0.3055
SKEW COEFFICIENTS		
STATION	0.5041	0.5041
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0336 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	30	30
PERIOD (YEARS)	30	30

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	113.1	83.0	70.1	48.0	120.4
0.9900	125.9	98.4	86.3	59.4	139.2
0.9500	174.3	157.3	148.4	106.0	208.7
0.9000	211.4	202.3	193.5	143.8	260.6
0.8000	272.1	274.6	268.5	206.8	344.2
0.5000	468.6	495.1	495.1	398.7	614.6
0.2000	877.5	897.5	918.3	716.3	1191.5
0.1000	1261.0	1227.5	1284.8	952.5	1728.4
0.0400	1907.2	1717.1	1850.3	1279.9	2600.8
0.0200	2529.5	2134.8	2383.4	1544.9	3402.4
0.0100	3294.9	2598.4	2985.1	1827.8	4342.7

10295200 WEST WALKER RIVER AT LEAVITT MEADOWS, NEAR COLEVILLE, CA

LOCATION.--Lat 38°19'50", long 119°33'05", in NW¼NW¼ sec.34, T.6 N., R.22 E., Mono County, Hydrologic Unit 16050302, on left bank at Leavitt Meadows Lodge, 500 ft (150 m) upstream from Brownie Creek, 0.9 mi (1.4 km) downstream from Leavitt Creek, and 16.5 (26.6 km) south of Coleville.

DRAINAGE AREA.--73.0 mi^2 (189.1 km^2).

REMARKS.--No regulation or storage above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1946								10	35	30	24	28	46	35	24	12	7	7	4	8	4	3	7	9	15	13	22	11	10	1					
1947					3	21	7	11	16	32	69	33	32	8	5	3	11	15	11	7	4	4	10	8	11	17	7	4	4	8	4					
1948					7	1	58	37	22	55	39	12	10	4	7	4	3	4	9	10	7	2	7	10	10	5	6	12	21	4					
1949			1	8	32	11	1	36	18	15	13	3	7	3	8	5	5	2	2	3	9	4	4	3	3	12	13	16	7	8	10	4			
1950						44	53	35	12	24	17	22	25	4	3	4	5	4	12	11	5	4	5	4	8	11	13	10	10	7	9	4				
1951							21	10	11	9	5	4	22	35	41	25	15	10	7	10	11	11	12	23	21	9	21	10	10	3	3	2	1		1	2
1952					4	10	6	25	65	29	20	19	2	8	8	9	16	4	11	8	6	3	6	5	8	6	18	20	13	19	4	5	7	2			
1953						2	2	17	17	12	43	51	49	13	17	4	11	12	3	5	12	10	14	10	9	10	8	3	15	9	5		2				
1954					6	33	50	66	21	19	8	12	11	7	12	8	4	5	4	6	6	8	9	9	7	12	17	14	4	3	3	1				
1955				5	25	23	27	38	55	33	7	11	6	6	12	7	11	8	9	7	2	6	11	8	7	5	10	7	6	6	2	3	2			
1956					1	3	23	25	13	14	1	1	2	6	8	20	40	18	17	28	19	11	10	10	6	10	8	12	14	10	15	11	8	1	1		
1957							16	12	8	7	41	73	59	25	14	8	8	10	9	7	9	13	6	9	13	8	2	1	2	1	4					
1958							19	72	38	45	24	10	8	5	6	5	5	3	1	5	9	10	6	6	9	8	8	24	10	19	9	1				
1959						21	24	71	38	23	25	8	8	20	12	7	8	3	3	8	4	15	17	11	12	6	13	7	1								
1960			33	31	20	26	17	42	19	17	20	5	8	5	8	4	7	7	14	12	3	12	10	7	5	7	14	3	7	3						
1961			3	8	8	31	63	44	18	35	23	7	12	7	4	4	2	4	8	10	13	8	13	5	6	9	13	7								
1962					10	50	45	28	30	27	13	8	7	5	6	4	4	5	4	4	4	4	3	13	16	12	9	21	13	12	8					
1963					4	15	19	25	13	10	15	11	39	30	21	25	13	7	5	7	6	8	4	10	4	8	6	13	21	16	4	5	1			
1964					4	8	8	10	42	39	37	34	30	21	15	12	4	3	12	11	11	4	7	7	7	9	9	15	7							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6940	100.0	12	41.0	300	3221	46.4	24	360	186	1077	15.5
1	5.50	37	6940	100.0	13	49.0	249	2921	42.1	25	430	217	891	12.8
2	6.70	52	6903	99.5	14	59.0	189	2672	38.5	26	520	197	674	9.7
3	8.00	124	6851	98.7	15	71.0	181	2483	35.8	27	620	190	477	6.8
4	9.60	399	6727	96.9	16	85.0	131	2302	33.2	28	750	132	287	4.1
5	12.00	459	6328	91.2	17	100.0	152	2171	31.3	29	900	82	155	2.2
6	14.00	537	5869	84.6	18	120.0	167	2019	29.1	30	1100	44	73	1.0
7	17.00	501	5332	76.8	19	150.0	137	1852	26.7	31	1300	22	29	.4
8	20.00	472	4831	69.6	20	180.0	136	1715	24.7	32	1500	3	7	.1
9	24.00	427	4359	62.8	21	210.0	167	1579	22.8	33	1900	2	4	
10	29.00	334	3932	56.7	22	250.0	162	1412	20.3	34	2200	2	2	
11	34.00	377	3598	51.8	23	300.0	173	1250	18.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1947	15.00	16	15.00	16	17.00	16	18.00	17	19.00	17	24.00	17	25.00	15	25.00	15	26.00	12
1948	8.00	8	8.50	8	8.80	5	9.30	5	10.00	6	13.00	9	15.00	10	17.00	9	19.00	8
1949	6.00	2	7.00	3	7.40	3	8.10	4	8.80	3	9.10	2	9.20	2	9.50	1	10.00	1
1950	10.00	12	10.00	10	10.00	10	11.00	11	11.00	9	12.00	7	13.00	7	13.00	6	14.00	4
1951	12.00	14	12.00	13	13.00	13	13.00	13	14.00	13	18.00	13	25.00	16	37.00	18	130.00	18
1952	8.00	9	8.30	6	9.10	7	9.90	9	12.00	10	14.00	10	16.00	11	19.00	12	19.00	9
1953	11.00	13	12.00	14	13.00	14	13.00	14	15.00	14	21.00	16	26.00	17	27.00	16	31.00	15
1954	8.00	10	8.30	7	9.30	8	9.60	7	10.00	7	11.00	6	12.00	6	13.00	7	15.00	6
1955	7.00	4	7.00	4	7.40	4	7.60	3	8.30	2	9.70	4	11.00	5	11.00	4	14.00	5
1956	8.00	5	10.00	11	11.00	11	12.00	12	13.00	12	14.00	11	15.00	8	17.00	10	59.00	17
1957	28.00	18	30.00	18	30.00	18	31.00	18	32.00	18	33.00	18	34.00	18	36.00	17	40.00	16
1958	14.00	15	14.00	15	14.00	15	14.00	15	15.00	15	18.00	14	18.00	13	19.00	11	19.00	10
1959	10.00	11	11.00	12	11.00	12	11.00	10	12.00	11	13.00	8	15.00	9	15.00	8	20.00	11
1960	5.60	1	5.80	1	6.10	1	6.30	1	6.40	1	7.00	1	8.30	1	10.00	2	16.00	7
1961	6.60	3	6.60	2	6.60	2	6.90	2	9.00	4	9.30	3	10.00	3	11.00	3	12.00	2
1962	8.00	6	8.00	5	8.90	6	9.40	6	10.00	5	11.00	5	11.00	4	12.00	5	13.00	3
1963	8.00	7	9.00	9	9.60	9	9.80	8	11.00	8	14.00	12	16.00	12	20.00	13	30.00	13
1964	17.00	17	18.00	17	18.00	17	18.00	16	18.00	16	20.00	15	22.00	14	25.00	14	30.00	14

10295200 WEST WALKER RIVER AT LEAVITT MEADOWS, NEAR COLEVILLE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1946	936.0	14	882.0	14	769.0	14	723.0	13	651.0	11	599.0	7	513.0	7	415.0	7	288.0	7
1947	979.0	13	938.0	13	865.0	13	640.0	15	626.0	13	481.0	14	394.0	14	319.0	14	222.0	14
1948	809.0	16	770.0	16	712.0	16	658.0	14	642.0	12	540.0	12	431.0	11	346.0	12	234.0	13
1949	1070.0	11	990.0	11	905.0	11	772.0	9	671.0	10	583.0	9	467.0	9	367.0	10	247.0	10
1950	1260.0	8	1210.0	8	1110.0	7	999.0	4	822.0	5	672.0	5	541.0	6	435.0	6	298.0	6
1951	2810.0	1	2350.0	1	1320.0	2	734.0	11	672.0	9	544.0	11	449.0	10	386.0	9	273.0	9
1952	1680.0	3	1590.0	2	1470.0	1	1350.0	1	1060.0	2	879.0	3	753.0	3	635.0	2	446.0	2
1953	1320.0	5	1240.0	5	1050.0	8	896.0	7	809.0	6	587.0	8	484.0	8	404.0	8	284.0	8
1954	1120.0	10	1040.0	10	881.0	12	752.0	10	624.0	14	495.0	13	429.0	12	346.0	11	240.0	11
1955	1410.0	4	1340.0	4	1190.0	5	912.0	5	766.0	8	559.0	10	425.0	13	340.0	13	234.0	12
1956	1910.0	2	1390.0	3	1240.0	3	1170.0	2	1110.0	1	972.0	1	797.0	1	664.0	1	478.0	1
1957	1140.0	9	1120.0	9	1000.0	9	725.0	12	560.0	15	420.0	16	330.0	16	270.0	16	193.0	15
1958	1300.0	6	1220.0	7	1210.0	4	1050.0	3	896.0	3	879.0	2	754.0	2	625.0	3	431.0	3
1959	622.0	18	580.0	18	517.0	19	495.0	18	400.0	19	363.0	18	310.0	18	251.0	18	175.0	18
1960	840.0	15	796.0	15	729.0	15	605.0	16	505.0	17	390.0	17	325.0	17	264.0	17	182.0	17
1961	614.0	19	578.0	19	534.0	18	471.0	19	443.0	18	342.0	19	284.0	19	228.0	19	158.0	19
1962	980.0	12	973.0	12	929.0	10	851.0	8	779.0	7	627.0	6	579.0	5	494.0	4	339.0	5
1963	1300.0	7	1230.0	6	1160.0	6	909.0	6	843.0	4	751.0	4	606.0	4	483.0	5	348.0	4
1964	690.0	17	648.0	17	615.0	17	565.0	17	525.0	16	434.0	15	345.0	15	278.0	15	192.0	16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
21.5	41.4	41.3	27.8	32.0	38.2	184	489	609	277	63.7	26.0
119	6907	4112	627	1041	356	5171	23580	44550	38200	2703	267
10.9	83.1	64.1	25.0	32.3	18.9	71.9	154	211	195	52.0	16.3
1.03	4.11	3.03	2.34	3.14	1.36	0.09	0.24	0.62	0.66	1.41	1.34
0.51	2.01	1.55	0.90	1.01	0.49	0.39	0.31	0.35	0.70	0.82	0.63
1.16	2.24	2.23	1.50	1.73	2.06	9.95	26.4	32.9	15.0	3.44	1.40

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
154	2735	52.3	0.84	0.34	-0.100

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.28	1.35	1.37	1.33	1.39	1.53	2.23	2.67	2.76	2.33	1.69	1.34
0.04	0.14	0.16	0.09	0.08	0.05	0.04	0.02	0.02	0.12	0.10	0.06
0.21	0.38	0.40	0.31	0.28	0.22	0.20	0.14	0.15	0.34	0.32	0.24
0.24	2.14	1.39	0.74	1.37	-0.29	-0.80	-0.33	-0.02	-0.12	0.55	0.54
0.17	0.28	0.29	0.23	0.20	0.14	0.09	0.05	0.05	0.15	0.19	0.18
6.02	6.35	6.46	6.24	6.55	7.21	10.5	12.5	13.0	10.9	7.93	6.32

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.16	0.02	0.14	0.30	0.07	-0.033

10295200 WEST WALKER RIVER AT LEAVITT MEADOWS, NEAR COLEVILLE, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1946	936.0	1952	1675.0	1958	1440.0	1964	790.0
1947	979.0	1953	1320.0	1959	735.0	1967	1600.0
1948	809.0	1954	1120.0	1960	970.0	1968	940.0
1949	1071.0	1955	1414.0	1961	722.0	1969	1570.0
1950	1259.0	1956	1910.0	1962	1100.0	1970	1160.0
1951	2810.0	1957	1440.0	1963	1460.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.0801	3.0801
STANDARD DEVIATION	0.1438	0.1438
SKEW COEFFICIENTS		
STATION	0.5102	0.5102
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	23	23
PERIOD (YEARS)	23	23

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES				
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	600.2	528.7	482.3	391.4	641.2
0.9900	631.1	570.4	530.2	431.9	683.2
0.9500	734.8	704.3	680.4	565.9	817.1
0.9000	804.4	789.7	769.2	653.6	902.9
0.8000	905.6	908.8	896.5	776.7	1024.9
0.5000	1169.4	1196.0	1196.0	1063.3	1344.3
0.2000	1571.3	1586.4	1609.6	1407.0	1854.9
0.1000	1864.2	1844.6	1898.8	1612.0	2232.6
0.0400	2266.1	2171.6	2276.7	1857.0	2744.1
0.0200	2589.3	2416.3	2589.3	2032.9	3146.9
0.0100	2933.6	2662.2	2901.2	2205.0	3566.8

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA

LOCATION.--Lat 38°21'30", long 119°26'30", in NW¼NW¼ sec.22, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on right bank 0.8 mi (1.3 km) north of Sonora Junction, 1.5 mi (2.4 km) upstream from mouth, and 14 mi (23 km) northwest of Bridgeport.

DRAINAGE AREA.--63.0 mi^2 (163.2 km^2).

REMARKS.--Small diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1945										39	63	63	33	22	11	10	3	5	6	4	5	10	20	9	8	9	13	13	16	3					
1946											75	59	66	35	17	3	3	10	6	5	4	8	21	18	19	9	7								
1947									8	25	28	80	41	43	19	19	15	10	8	9	5	9	12	14	8	6	2	4							
1948								47	102	50	15	33	9	10	7	11	5	12	8	9	12	7		6	14	6	3								
1949			1	3	29	53	60	53	18	14	13	6	7	9	4	8	2	9	16	7	16	4	11	5	3	6	8								
1950						2	19	59	50	41	41	17	22	19	7	6	5	4	8	9	4	3	18	9	7	4	7	4							
1951									27	16	27	5	9	60	39	20	18	24	26	15	12	4	10	7	17	7	7	8	2	3	1	1			
1952								17	22	110	29	3	4	3	11	13	16	10	6	3	5	4	5	7	5	11	19	22	18	9	9	4	1		
1953										2	62	69	46	40	19	14	17	14	14	14	6	8	5	2	3	10	13	6	1						
1954								2	23	62	65	53	28	12	9	8	9	9	10	6	22	10	11	16	5	2		2	1						
1955									42	96	35	47	24	32	9	6	4	4	8	12	2	10	6	6	11	2	2	3		3	1				
1956								3	24	43	5	3	2	20	29	20	19	24	18	22	8	13	8	22	8	2	7	6	9	20	24	6			1
1957											23	50	57	43	67	31	5	10	12	11	7	6	1	6	6	5	10	6	4	5					
1958											84	75	26	5	19	13	2	8	8	2	4	11	7	12	9	7	20	20	10	15	5	3			
1959							2	8	17	26	6	69	63	56	25	17	14	13	9	12	9	7	6	6											
1960			1	3		7	13	67	84	30	23	19	14	20	25	12	2	6	5	10	9	7	2	3	4										
1961						30	72	97	31	14	14	20	20	14	4	5	2	2	7	10	9	10	4												
1962			2	4	9	16	70	68	8	12	18	12	9	6	4	7	4	6	13	11	18	10	19	9	10	5	8	3	4						
1963		1	4	12	3	7	10	24	18	29	27	23	37	32	14	5	6	15	8	6	8	5	7	3	7	18	22	4	2	1	4	2			1
1964							9	45	41	38	55	47	26	27	11	7	9	4	5	11	12	6	13												
1965				1	2	1	34	22	16	9	32	29	16	23	18	8	9	12	10	10	12	9	15	19	16	11	21	9	1						
1966			3	5	2	2	4	27	16	37	30	32	48	42	13	9	8	18	12	15	11	3	13	12	3										
1967								52	29	21	28	22	22	19	12	15	12	11	6	11	10	7	6	1	10	13	7	9	8	12	6	4	6	6	
1968			2	3		2	1	20	18	26	32	21	60	64	28	12	11	16	8	8	10	8	9	5	2										
1969							1	27	33	41	43	21	7	9	14	8	13	13	6	7	10	4	8	4	2	8	7	14	13	14	20	8	10		
1970									1	21	19	31	79	57	28	18	15	20	6	5	3	5	17	8	10	6	9	6	1						
1971								7	11	54	65	36	21	18	13	18	20	13	8	7	6	10	15	9	4	5	7	8	10						
1972							9	29	51	37	63	18	34	28	20	8	10	7	5	8	8	3	5	11	5	3	4								
1973								11	21	84	88	22	8	7	3	5	15	8	5	4	12	7	9	12	8	4	4	11	12	4	1				
1974										8	33	72	47	16	27	24	14	8	14	8	18	8	9	7	9	10	8	9	9	5					
1975									17	60	77	39	31	11	9	6	12	9	6	4	6	2	6	9	6	12	20	5	2	7	7	2			
1976				6	11	7	10	15	52	38	57	39	40	33	24	5	8	7	8	2	4														

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	11688	100.0	12	24.0	933	5903	50.5	24	140	184	1099	9.4
1	5.00	2	11688	100.0	13	28.0	805	4970	42.5	25	160	195	915	7.8
2	5.80	15	11686	100.0	14	33.0	487	4165	35.6	26	180	232	720	6.1
3	6.70	34	11671	99.9	15	38.0	309	3678	31.5	27	210	155	488	4.1
4	7.70	63	11637	99.6	16	43.0	328	3369	28.8	28	240	142	333	2.8
5	8.90	135	11574	99.0	17	50.0	331	3041	26.0	29	280	88	191	1.6
6	10.00	426	11439	97.9	18	58.0	302	2710	23.2	30	330	57	103	.8
7	12.00	873	11013	94.2	19	67.0	262	2408	20.6	31	380	21	46	.3
8	14.00	812	10140	86.8	20	77.0	289	2146	18.4	32	430	17	25	.2
9	16.00	1035	9328	79.8	21	89.0	191	1857	15.9	33	500	6	8	
10	18.00	1420	8293	71.0	22	100.0	336	1666	14.3	34	580	2	2	
11	21.00	970	6873	58.8	23	120.0	231	1330	11.4					

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1946	18.00 30	18.00 30	18.00 29	18.00 28	19.00 29	20.00 29	21.00 29	22.00 29	23.00 24
1947	14.00 22	14.00 22	15.00 23	17.00 25	18.00 26	19.00 26	20.00 26	21.00 26	21.00 21
1948	10.00 13	10.00 10	10.00 8	11.00 8	11.00 6	12.00 8	12.00 7	12.00 4	13.00 4
1949	6.60 6	7.00 6	7.80 6	8.40 2	8.90 2	9.10 1	9.20 1	9.30 1	10.00 1
1950	8.40 8	9.30 8	10.00 9	11.00 9	12.00 10	12.00 9	13.00 9	13.00 8	14.00 6
1951	14.00 23	14.00 23	14.00 19	14.00 17	14.00 15	16.00 20	17.00 20	20.00 22	43.00 31
1952	12.00 17	12.00 15	12.00 15	12.00 13	14.00 16	15.00 16	15.00 13	16.00 14	16.00 11
1953	17.00 27	17.00 27	18.00 30	19.00 29	20.00 30	21.00 30	22.00 30	22.00 27	24.00 25
1954	13.00 18	13.00 18	13.00 16	14.00 18	14.00 17	15.00 17	15.00 14	16.00 15	18.00 12
1955	11.00 15	11.00 11	13.00 17	13.00 16	13.00 11	13.00 10	14.00 10	14.00 9	14.00 7
1956	10.00 14	11.00 12	11.00 12	12.00 14	13.00 12	13.00 11	14.00 11	14.00 10	26.00 29
1957	17.00 28	17.00 28	17.00 27	17.00 26	18.00 27	20.00 27	21.00 27	22.00 28	25.00 26
1958	16.00 25	16.00 25	16.00 24	16.00 22	17.00 23	17.00 21	17.00 21	18.00 20	18.00 13
1959	17.00 29	18.00 29	18.00 28	19.00 30	19.00 28	20.00 28	21.00 28	21.00 23	22.00 22
1960	8.90 9	9.50 9	10.00 10	11.00 10	11.00 7	11.00 6	12.00 8	12.00 5	13.00 5
1961	5.50 2	5.80 2	6.80 2	8.40 3	9.10 3	9.80 2	10.00 2	11.00 3	11.00 2
1962	6.50 5	6.70 5	7.70 5	8.80 4	9.80 4	10.00 3	10.00 3	10.00 2	11.00 3
1963	5.00 1	5.70 1	6.40 1	6.70 1	8.60 1	10.00 4	12.00 4	13.00 6	18.00 14
1964	10.00 10	11.00 13	12.00 13	12.00 11	13.00 13	13.00 12	15.00 15	16.00 16	18.00 15
1965	7.00 7	7.70 7	9.00 7	10.00 7	11.00 8	11.00 5	12.00 5	13.00 7	19.00 18
1966	13.00 19	14.00 19	15.00 20	16.00 23	16.00 20	17.00 22	19.00 23	21.00 24	23.00 23
1967	5.90 3	6.20 3	7.20 3	9.40 5	10.00 5	12.00 7	12.00 6	14.00 11	16.00 8
1968	13.00 20	14.00 20	16.00 25	17.00 24	18.00 24	18.00 24	20.00 24	21.00 25	25.00 27
1969	6.50 4	6.70 4	7.60 4	10.00 6	12.00 9	13.00 13	14.00 12	15.00 12	16.00 9
1970	19.00 31	20.00 31	20.00 31	21.00 31	23.00 31	24.00 31	26.00 31	28.00 31	30.00 30
1971	12.00 16	12.00 16	14.00 18	15.00 19	16.00 21	17.00 23	17.00 22	18.00 21	19.00 19
1972	10.00 11	12.00 17	12.00 14	13.00 15	14.00 18	15.00 14	16.00 16	17.00 17	18.00 16
1973	10.00 12	11.00 14	11.00 11	12.00 12	13.00 14	15.00 15	16.00 17	16.00 13	16.00 10
1974	16.00 26	17.00 26	17.00 26	18.00 27	18.00 25	19.00 25	20.00 25	24.00 30	25.00 28
1975	14.00 24	15.00 24	15.00 21	15.00 20	16.00 22	16.00 18	17.00 18	17.00 18	18.00 17
1976	13.00 21	14.00 21	15.00 22	15.00 21	15.00 19	16.00 19	17.00 19	18.00 19	21.00 20

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1945	304.0 10	294.0 10	277.0 9	263.0 9	249.0 7	192.0 10	179.0 7	154.0 6	111.0 6
1946	197.0 23	190.0 23	171.0 23	160.0 22	154.0 19	146.0 15	129.0 13	109.0 14	82.0 13
1947	181.0 24	181.0 24	173.0 22	148.0 23	129.0 23	110.0 22	90.0 21	76.0 21	58.0 20
1948	165.0 25	164.0 25	158.0 25	145.0 24	129.0 24	99.0 24	80.0 26	67.0 26	50.0 26
1949	208.0 21	199.0 20	188.0 20	163.0 21	144.0 21	114.0 20	97.0 20	80.0 20	58.0 21
1950	238.0 19	231.0 18	215.0 19	192.0 18	166.0 18	135.0 19	107.0 19	88.0 19	65.0 19
1951	394.0 6	277.0 11	237.0 14	194.0 17	187.0 15	148.0 14	120.0 15	103.0 15	78.0 15
1952	443.0 5	429.0 3	403.0 3	372.0 3	312.0 3	278.0 3	250.0 3	218.0 2	159.0 2
1953	246.0 16	232.0 17	221.0 17	199.0 15	194.0 13	144.0 16	116.0 17	100.0 16	76.0 16
1954	215.0 20	195.0 22	163.0 24	136.0 25	117.0 26	98.0 25	85.0 23	72.0 22	55.0 22
1955	284.0 12	266.0 13	234.0 15	186.0 19	149.0 20	113.0 21	88.0 22	72.0 23	54.0 24
1956	580.0 2	351.0 6	337.0 6	309.0 5	304.0 4	273.0 4	231.0 4	197.0 4	147.0 4
1957	273.0 13	272.0 12	252.0 11	209.0 12	191.0 14	143.0 17	113.0 18	93.0 18	70.0 18
1958	367.0 8	349.0 7	327.0 7	287.0 6	244.0 8	229.0 5	202.0 5	175.0 5	128.0 5
1959	106.0 30	103.0 30	99.0 30	95.0 31	79.0 31	68.0 29	58.0 29	51.0 29	41.0 28
1960	132.0 28	128.0 28	119.0 28	101.0 28	82.0 30	65.0 31	52.0 31	46.0 30	36.0 30
1961	102.0 31	101.0 31	98.0 31	96.0 30	87.0 29	67.0 30	53.0 30	45.0 31	34.0 31
1962	259.0 15	253.0 15	240.0 13	209.0 13	183.0 16	139.0 18	125.0 14	110.0 13	81.0 14
1963	600.0 1	401.0 4	346.0 5	269.0 7	226.0 10	199.0 7	160.0 8	132.0 10	100.0 10
1964	117.0 29	116.0 29	109.0 29	98.0 29	93.0 28	77.0 28	62.0 28	54.0 28	41.0 29
1965	240.0 18	229.0 19	220.0 18	202.0 14	195.0 12	175.0 11	154.0 11	137.0 8	105.0 8
1966	145.0 27	142.0 27	139.0 26	132.0 26	122.0 25	98.0 26	84.0 24	72.0 24	55.0 23
1967	565.0 3	557.0 1	528.0 1	472.0 1	393.0 2	315.0 2	259.0 2	213.0 3	153.0 3
1968	147.0 26	143.0 26	132.0 27	114.0 27	104.0 27	83.0 27	69.0 27	60.0 27	49.0 27
1969	484.0 4	478.0 2	468.0 2	447.0 2	402.0 1	349.0 1	308.0 1	259.0 1	187.0 1
1970	241.0 17	236.0 16	226.0 16	195.0 16	177.0 17	150.0 13	119.0 16	100.0 17	76.0 17
1971	264.0 14	256.0 14	250.0 12	244.0 11	218.0 11	167.0 12	137.0 12	114.0 12	86.0 12
1972	202.0 22	198.0 21	185.0 21	165.0 20	140.0 22	105.0 23	82.0 25	69.0 25	53.0 25
1973	350.0 9	321.0 8	274.0 10	259.0 10	250.0 6	194.0 8	159.0 9	131.0 11	93.0 11
1974	300.0 11	297.0 9	284.0 8	265.0 8	239.0 9	192.0 9	159.0 10	134.0 9	100.0 9
1975	388.0 7	374.0 5	348.0 4	331.0 4	276.0 5	226.0 6	185.0 6	151.0 7	108.0 7
1976	85.0 32	81.0 32	76.0 32	66.0 32	58.0 32	46.0 32	38.0 32	33.0 32	27.0 32

10295500 LITTLE WALKER RIVER NEAR BRIDGEPORT, CA--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
18.9	20.6	22.0	20.4	20.4	23.7	46.7	115	166	96.9	35.9	21.4
38.9	100	281	84.9	60.7	47.4	365	3671	6187	5407	583	102
6.24	10.0	16.8	9.22	7.79	6.89	19.1	60.6	78.7	73.5	24.1	10.1
0.57	2.99	3.61	1.34	1.66	0.38	0.63	1.53	0.53	1.09	1.14	1.13
0.33	0.49	0.76	0.45	0.38	0.29	0.41	0.53	0.47	0.76	0.67	0.47
3.10	3.39	3.63	3.35	3.35	3.90	7.68	18.9	27.3	15.9	5.90	3.52

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
50.8	439	20.9	0.77	0.41	-0.106

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.25	1.28	1.28	1.27	1.28	1.36	1.63	2.01	2.17	1.86	1.47	1.29
0.02	0.03	0.04	0.03	0.02	0.02	0.03	0.04	0.05	0.12	0.07	0.03
0.14	0.17	0.21	0.18	0.15	0.13	0.18	0.21	0.23	0.34	0.27	0.19
0.05	0.84	1.54	0.48	0.74	-0.26	0.04	0.29	-0.54	-0.02	0.36	0.55
0.11	0.13	0.16	0.14	0.11	0.10	0.11	0.10	0.10	0.18	0.19	0.14
6.90	7.05	7.05	7.00	7.07	7.47	9.00	11.1	11.9	10.3	8.09	7.10

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.67	0.03	0.18	0.04	0.11	-0.006

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1945	660.0	1953	289.0	1961	272.0	1969	584.0
1946	231.0	1954	259.0	1962	315.0	1970	284.0
1947	218.0	1955	350.0	1963	1510.0	1971	374.0
1948	218.0	1956	994.0	1964	158.0	1972	255.0
1949	271.0	1957	340.0	1965	380.0	1973	489.0
1950	283.0	1958	428.0	1966	163.0	1974	352.0
1951	650.0	1959	134.0	1967	780.0	1975	489.0
1952	490.0	1960	169.0	1968	199.0	1976	109.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5199	2.5199
STANDARD DEVIATION	0.2543	0.2543
SKEW COEFFICIENTS		
STATION	0.4994	0.4994
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1373 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	32	32
PERIOD (YEARS)	32	32

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	96.3	79.0	70.0	51.7	105.9
0.9900	105.3	89.9	81.8	60.7	118.3
0.9500	138.2	129.3	123.9	94.7	162.2
0.9000	162.4	157.7	152.7	120.2	193.4
0.8000	200.5	201.5	198.2	160.5	241.9
0.5000	315.4	326.7	326.7	274.3	388.6
0.2000	531.5	539.6	549.7	449.8	676.8
0.1000	718.5	706.9	733.8	575.4	930.6
0.0400	1013.2	948.3	1009.1	745.7	1327.5
0.0200	1281.0	1150.2	1262.1	881.4	1681.6
0.0100	1595.4	1371.3	1543.5	1025.0	2088.7

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA

LOCATION.--Lat 38°22'47", long 119°26'57", in NE¼SE¼ sec.9, T.6 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on right bank 150 ft (50 m) downstream from Little Walker River, 60 ft (20 m) upstream from bridge on U.S. Highway 395, and 13 mi (21 km) southeast of Coleville.

DRAINAGE AREA.--180 mi^2 (466 km^2).

REMARKS.--Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poor Lake Reservoir (capacity, unknown) 7 mi (11 km) upstream.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																																
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																				
1939						14	24	14	105	38	16	15	21	8	7	7	7	8	8	13	17	18	18	5	2									
1940			1	6	19	33	29	47	30	25	21	12	9	4	14	6	5	9	6	9	6	6	11	10	4	4	23	14	3						
1941		4	6	11	16	32	45	15	24	18	22	7	18	15	12	9	9	5	3	2	4	7	9	4	8	13	22	14	10	1					
1942							1	30	24	23	39	30	38	22	13	5	6	15	11	11	13	8	9	7	7	7	13	14	17	2					
1943						1	34	31	32	26	32	27	14	13	14	7	4	9	6	11	9	7	13	21	22	12	8	6	3	2	1				
1944					3	47	106	38	18	9	6	9	7	3	26	9	3	1	3	4	11	9	13	15	16	8	2								
1945					12	18	26	36	29	33	34	21	28	5	4	4	1	8	2	7	2	5	14	15	8	7	15	20	8	3					
1946							6	15	26	22	55	22	55	27	20	7	2	12	4	3	6	4	12	17	18	19	12	1							
1947				9	20	4	10	38	51	49	39	5	10	14	13	16	5	5	7	10	7	14	15	6	3	4	11								
1948				42	64	46	28	27	20	8	12	6	4	3	9	9	6	7	6	8	8	9	6	5	11	21	1								
1949			7	72	50	42	30	23	11	3	8	7	5	6	4	2	5	4	5	2	7	3	12	15	12	7	9	11	3						
1950				22	48	59	18	20	26	32	11	3	5	4	12	9	5	6	6	4	6	6	10	12	9	11	8	6	4	3					
1951					5	18	10	6	5	19	18	16	43	31	30	13	11	10	14	17	23	12	6	7	18	9	8	6	4	1	2		1	1	1
1952					8	35	55	67	12	1	1	3	11	11	18	5	10	8	3	5	3	7	4	7	9	22	20	9	16	8	6	2			
1953							1	55	39	53	43	12	15	9	17	8	4	4	18	14	11	10	10	6	5	11	12	5	1	2					
1954					8	35	76	66	23	6	13	7	10	6	14	4	8	3	6	14	9	7	18	13	9	4	2	3	1						
1955				10	39	29	80	28	20	16	11	14	8	14	16	4	3	4	13	5	5	7	8	5	8	5	5	3		5					
1956		1	1	10	38	15	11	3		2	2	10	27	20	26	23	15	20	18	10	9	10	11	8	11	5	17	7	11	22	2			1	
1957						3	5	38	36	35	54	34	30	12	14	13	8	4	3	13	10	6	8	5	7	8	9	2	3	5					
1958						11	76	47	29	24	10	6	14	7	10	4	1	2	5	5	13	9	9	9	7	13	21	6	14	11	2				
1959				4	12	15	51	81	39	16	15	13	19	1	3	4	5	6	21	17	9	11	8	13	2										
1960			5	47	33	49	47	24	16	13	7	6	4	6	9	18	10	2	9	11	8	6	5	12	9	4	3	3							
1961				29	22	66	57	42	19	16	7	4	3	4	1	7	10	14	7	12	8	7	8	11	10	1									
1962			7	23	51	45	19	12	21	16	12	14	8	5	3	7	5	2	4	4	13	16	11	8	10	18	9	11	6	5					
1963				24	6	24	26	13	15	19	23	27	33	23	9	8	4	8	6	8	11	5	7	4	7	17	14	14	1	3	6				
1964				2	5	3	18	49	69	63	16	15	22	3	10	10	11	9	7	6	4	9	14	6	15										
1965			5	34	4	16	15	5	2	1	1	12	58	23	32	11	4	6	6	11	11	11	14	15	11	13	23	13	4	2		2			
1966					6	15	17	41	66	45	30	16	9	14	7	4	2	7	11	5	20	12	8	7	14	9									
1967				11	35	5	5	13	19	25	24	15	29	28	14	7	9	8	9	17	7	4	3	3	11	8	6	12	10	11	8	7	2		
1968				2	9	23	30	34	37	31	25	18	25	12	19	11	15	5	9	12	11	9	11	7	4	5	2								
1969					8	8	25	16	27	46	32	15	17	7	12	6	8	9	11	9	2	9	1	9	7	2	23	10	9	11	11	8	6	1	
1970						6	14	30	36	43	31	41	13	28	20	9	7	6	11	10	9	9	5	6	10	15	6								
1971						1	34	31	27	16	42	27	29	12	11	18	12	9	12	9	5	7	14	11	6	9	3	19		1					
1972						19	57	75	40	9	16	6	4	3	32	14	11	7	9	4	8	13	3	7	10	7	7	5							
1973					2	3	13	42	66	51	35	12	7	7	3	11	8	8	8	7	5	6	9	5	12	7	4	6	12	8	6	2			
1974						1	6	19	12	23	30	30	40	21	23	24	9	10	12	12	15	10	7	5	7	16	11	8	7	7					
1975						8	43	65	43	29	26	15	8	9	13	10	7	4	3	4	3	4	7	3	10	11	13	9	3	9	6				
1976						19	57	65	26	43	31	26	20	12	9	10	9	5	4	13	7	3	4	3											

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13880	100.0	12	100.0	749	6187	44.6	24	720	329	1569	11.3
1	18.00	24	13880	100.0	13	120.0	429	5438	39.2	25	840	315	1240	8.9
2	21.00	184	13856	99.8	14	140.0	556	5009	36.1	26	990	357	925	6.6
3	25.00	345	13672	98.5	15	170.0	357	4453	32.1	27	1200	233	568	4.0
4	29.00	570	13327	96.0	16	200.0	258	4096	29.5	28	1400	142	335	2.4
5	34.00	723	12757	91.9	17	230.0	273	3838	27.7	29	1600	115	193	1.3
6	40.00	1174	12034	86.7	18	270.0	304	3565	25.7	30	1900	46	78	.5
7	47.00	1275	10860	78.2	19	320.0	344	3261	23.5	31	2200	19	32	.2
8	55.00	1100	9585	69.1	20	380.0	333	2917	21.0	32	2600	9	13	
9	65.00	910	8485	61.1	21	440.0	322	2584	18.6	33	3000	3	4	
10	76.00	836	7575	54.6	22	520.0	365	2262	16.3	34	3600	1	1	
11	89.00	552	6739	48.6	23	610.0	328	1897	13.7					

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1939	54.00 38	55.00 38	56.00 38	58.00 38	59.00 36	60.00 35	60.00 33	61.00 29	74.00 30
1940	22.00 8	26.00 11	28.00 13	31.00 13	32.00 13	35.00 13	39.00 13	42.00 14	48.00 11
1941	20.00 4	20.00 2	21.00 2	23.00 5	26.00 7	32.00 10	34.00 8	38.00 10	44.00 8
1942	46.00 35	47.00 34	48.00 33	49.00 31	53.00 34	62.00 36	69.00 36	93.00 36	94.00 34
1943	39.00 30	41.00 28	42.00 28	43.00 28	44.00 27	47.00 28	55.00 27	57.00 27	70.00 27
1944	30.00 17	35.00 22	36.00 21	37.00 21	39.00 20	39.00 16	39.00 14	40.00 11	44.00 9
1945	31.00 18	31.00 16	32.00 14	33.00 14	34.00 14	38.00 14	42.00 17	45.00 17	54.00 16
1946	48.00 36	49.00 36	51.00 36	57.00 37	59.00 37	68.00 37	92.00 38	93.00 37	93.00 33
1947	38.00 27	42.00 29	44.00 29	46.00 29	49.00 29	57.00 33	59.00 31	63.00 30	64.00 22
1948	25.00 9	25.00 9	25.00 7	25.00 6	25.00 4	28.00 6	30.00 5	32.00 5	36.00 5
1949	18.00 1	21.00 4	21.00 3	22.00 3	23.00 1	23.00 1	24.00 1	24.00 1	26.00 1
1950	26.00 11	26.00 10	27.00 10	28.00 9	29.00 10	31.00 7	32.00 6	32.00 6	35.00 4
1951	33.00 21	33.00 19	34.00 18	34.00 17	35.00 15	46.00 26	56.00 28	71.00 34	217.00 38
1952	29.00 16	32.00 17	34.00 19	36.00 20	39.00 21	41.00 17	41.00 15	42.00 12	45.00 10
1953	45.00 33	47.00 35	49.00 34	51.00 35	51.00 31	52.00 29	56.00 29	64.00 31	68.00 24
1954	31.00 19	33.00 20	34.00 20	35.00 18	37.00 16	39.00 15	41.00 16	43.00 15	49.00 12
1955	27.00 12	28.00 12	28.00 11	28.00 10	29.00 11	32.00 11	35.00 11	37.00 7	40.00 7
1956	20.00 5	23.00 7	26.00 9	28.00 11	29.00 12	31.00 8	34.00 9	38.00 8	103.00 36
1957	45.00 34	46.00 32	50.00 35	50.00 34	50.00 30	54.00 30	60.00 32	67.00 33	76.00 31
1958	36.00 24	37.00 23	38.00 23	40.00 23	41.00 22	44.00 23	45.00 19	46.00 18	49.00 13
1959	35.00 22	37.00 24	38.00 24	39.00 22	41.00 23	44.00 24	47.00 22	48.00 21	56.00 18
1960	20.00 6	22.00 5	23.00 5	23.00 4	23.00 2	26.00 3	27.00 3	29.00 4	37.00 6
1961	19.00 3	20.00 3	21.00 4	21.00 1	23.00 3	24.00 2	26.00 2	27.00 2	29.00 2
1962	18.00 2	19.00 1	20.00 1	22.00 2	26.00 5	28.00 4	28.00 4	28.00 3	31.00 3
1963	25.00 10	25.00 8	25.00 8	26.00 7	27.00 8	34.00 12	38.00 12	44.00 16	61.00 21
1964	42.00 31	46.00 33	47.00 31	49.00 32	52.00 32	55.00 31	56.00 30	60.00 28	68.00 25
1965	22.00 7	23.00 6	24.00 6	26.00 8	26.00 6	28.00 5	33.00 7	38.00 9	86.00 32
1966	44.00 32	45.00 31	47.00 32	50.00 33	55.00 35	59.00 34	62.00 34	65.00 32	70.00 28
1967	27.00 13	28.00 13	28.00 12	29.00 12	29.00 9	31.00 9	35.00 10	42.00 13	56.00 19
1968	27.00 14	29.00 14	32.00 15	33.00 15	38.00 19	42.00 18	47.00 23	51.00 23	72.00 29
1969	31.00 20	32.00 18	32.00 16	34.00 16	37.00 17	42.00 19	52.00 26	52.00 24	60.00 20
1970	48.00 37	51.00 37	53.00 37	57.00 36	60.00 38	69.00 38	75.00 37	80.00 35	99.00 35
1971	38.00 28	40.00 27	40.00 25	41.00 24	42.00 24	45.00 25	51.00 25	54.00 26	68.00 26
1972	36.00 25	38.00 25	40.00 26	42.00 27	44.00 28	47.00 27	48.00 24	49.00 22	55.00 17
1973	28.00 15	29.00 15	33.00 17	36.00 19	38.00 18	44.00 20	44.00 18	47.00 19	50.00 14
1974	39.00 29	42.00 30	45.00 30	47.00 30	52.00 33	56.00 32	65.00 35	98.00 38	108.00 37
1975	36.00 26	38.00 26	41.00 27	41.00 25	42.00 25	44.00 21	46.00 20	48.00 20	53.00 15
1976	35.00 23	35.00 21	37.00 22	41.00 26	42.00 26	44.00 22	46.00 21	52.00 25	66.00 23

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1939	785.0 35	748.0 35	644.0 37	560.0 37	516.0 37	491.0 35	435.0 34	366.0 33	262.0 33
1940	1520.0 22	1430.0 21	1310.0 22	1240.0 19	1200.0 14	1030.0 14	840.0 15	687.0 15	484.0 15
1941	1680.0 16	1560.0 19	1490.0 17	1390.0 12	1280.0 11	1140.0 9	989.0 6	802.0 9	566.0 8
1942	1630.0 20	1540.0 20	1530.0 14	1460.0 10	1370.0 7	1190.0 7	960.0 9	808.0 8	581.0 7
1943	2010.0 10	1660.0 13	1590.0 12	1310.0 15	1150.0 15	938.0 15	854.0 14	733.0 13	533.0 13
1944	1140.0 28	1030.0 30	848.0 33	812.0 31	742.0 31	691.0 28	580.0 25	475.0 25	337.0 26
1945	1680.0 17	1640.0 15	1500.0 16	1400.0 11	1280.0 12	1060.0 12	985.0 7	812.0 7	565.0 9
1946	1250.0 27	1200.0 27	1080.0 27	993.0 25	951.0 24	870.0 18	755.0 18	622.0 18	446.0 18
1947	1130.0 29	1110.0 28	1060.0 28	862.0 29	822.0 28	649.0 29	536.0 30	442.0 30	319.0 30
1948	1010.0 32	971.0 31	931.0 30	885.0 28	857.0 27	710.0 27	568.0 27	462.0 28	320.0 29
1949	1290.0 26	1230.0 26	1120.0 26	991.0 26	895.0 26	785.0 24	641.0 24	510.0 24	350.0 24
1950	1680.0 18	1630.0 16	1520.0 15	1370.0 13	1110.0 20	917.0 17	747.0 19	604.0 19	421.0 21
1951	3800.0 1	3190.0 1	1830.0 7	1210.0 22	1090.0 21	861.0 19	699.0 20	592.0 20	430.0 19
1952	2300.0 6	2250.0 4	2110.0 3	1960.0 3	1630.0 3	1430.0 3	1260.0 3	1080.0 2	763.0 2
1953	1680.0 19	1590.0 17	1410.0 20	1220.0 20	1120.0 18	826.0 23	692.0 21	585.0 21	424.0 20
1954	1480.0 23	1370.0 23	1160.0 25	988.0 27	816.0 29	646.0 30	566.0 28	464.0 27	334.0 27
1955	1890.0 12	1800.0 11	1610.0 11	1210.0 21	1020.0 22	748.0 25	571.0 26	460.0 29	326.0 28
1956	3550.0 2	1850.0 9	1750.0 8	1660.0 5	1600.0 4	1420.0 4	1180.0 4	994.0 4	725.0 4
1957	1760.0 14	1750.0 12	1630.0 10	1310.0 16	1140.0 16	840.0 21	668.0 22	543.0 23	390.0 23
1958	2080.0 9	1940.0 7	1890.0 6	1610.0 6	1370.0 8	1330.0 5	1130.0 5	959.0 5	674.0 5
1959	770.0 36	714.0 36	668.0 35	634.0 35	524.0 36	475.0 36	414.0 36	341.0 36	247.0 35
1960	1050.0 30	1030.0 29	939.0 29	784.0 32	643.0 33	508.0 34	423.0 35	348.0 35	246.0 36

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1961	759.0 37	708.0 37	656.0 36	599.0 36	568.0 35	447.0 37	374.0 37	305.0 37	216.0 37
1962	1580.0 21	1570.0 18	1470.0 18	1270.0 18	1110.0 19	849.0 20	774.0 16	663.0 16	466.0 16
1963	2100.0 8	2050.0 5	1920.0 5	1470.0 9	1320.0 10	1150.0 8	919.0 11	740.0 12	540.0 11
1964	828.0 34	805.0 34	789.0 34	712.0 34	668.0 32	549.0 33	441.0 33	361.0 34	258.0 34
1965	2320.0 5	1850.0 10	1450.0 19	1300.0 17	1140.0 17	1060.0 13	928.0 10	821.0 6	596.0 6
1966	939.0 33	909.0 33	870.0 32	830.0 30	789.0 30	616.0 31	531.0 31	437.0 31	312.0 31
1967	2660.0 4	2630.0 3	2480.0 2	2280.0 2	1940.0 2	1630.0 2	1310.0 2	1060.0 3	752.0 3
1968	1010.0 31	957.0 32	919.0 31	738.0 33	642.0 34	549.0 32	449.0 32	373.0 32	282.0 32
1969	3090.0 3	3000.0 2	2880.0 1	2590.0 1	2210.0 1	1830.0 1	1550.0 1	1280.0 1	906.0 1
1970	1340.0 25	1300.0 25	1240.0 24	1130.0 23	977.0 23	836.0 22	664.0 23	547.0 22	401.0 22
1971	1740.0 15	1410.0 22	1340.0 21	1330.0 14	1200.0 13	918.0 16	757.0 17	626.0 17	454.0 17
1972	1370.0 24	1350.0 24	1270.0 23	1130.0 24	944.0 25	731.0 26	562.0 29	472.0 26	346.0 25
1973	1990.0 11	1860.0 8	1670.0 9	1530.0 7	1460.0 6	1100.0 10	875.0 13	707.0 14	492.0 14
1974	1770.0 13	1650.0 14	1570.0 13	1500.0 8	1360.0 9	1090.0 11	896.0 12	748.0 11	539.0 12
1975	2150.0 7	2030.0 6	1990.0 4	1850.0 4	1540.0 5	1250.0 6	985.0 8	782.0 10	545.0 10
1976	707.0 38	653.0 38	604.0 38	499.0 38	431.0 38	324.0 38	251.0 38	206.0 38	155.0 38

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
52.7	70.9	78.4	69.1	72.6	96.0	286	766	961	479	138	68.4
448	7050	7275	1859	1539	1462	13760	77180	166700	116400	9056	1032
21.2	84.0	85.3	43.1	39.2	38.2	117	278	408	341	95.2	32.1
0.80	5.00	3.14	1.55	2.53	0.62	0.46	0.97	0.25	0.75	1.19	0.98
0.40	1.18	1.09	0.62	0.54	0.40	0.41	0.36	0.42	0.71	0.69	0.47
1.68	2.26	2.50	2.20	2.31	3.06	9.10	24.4	30.6	15.3	4.41	2.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
257	8363	91.4	0.54	0.36	-0.172

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.69	1.75	1.77	1.77	1.82	1.95	2.42	2.86	2.94	2.55	2.05	1.79
0.03	0.06	0.08	0.06	0.04	0.03	0.04	0.02	0.05	0.13	0.08	0.04
0.17	0.25	0.29	0.24	0.19	0.18	0.19	0.15	0.22	0.36	0.28	0.20
0.06	1.95	1.46	0.49	0.61	-0.24	-0.36	0.08	-0.91	-0.31	0.36	0.13
0.10	0.14	0.16	0.13	0.11	0.09	0.08	0.05	0.07	0.14	0.14	0.11
6.66	6.89	6.98	6.99	7.16	7.68	9.54	11.3	11.6	10.1	8.10	7.07

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.38	0.02	0.16	-0.15	0.07	-0.094

10296000 WEST WALKER RIVER BELOW LITTLE WALKER RIVER, NEAR COLEVILLE, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1938	5800.0	1948	1250.0	1958	2330.0	1968	1270.0
1939	944.0	1949	1500.0	1959	866.0	1969	3470.0
1940	1690.0	1950	1960.0	1960	1270.0	1970	1480.0
1941	2040.0	1951	6220.0	1961	866.0	1971	2080.0
1942	1900.0	1952	2650.0	1962	1770.0	1972	1620.0
1943	2110.0	1953	2030.0	1963	2870.0	1973	2400.0
1944	1360.0	1954	1710.0	1964	916.0	1974	2090.0
1945	1880.0	1955	2230.0	1965	2950.0	1975	2590.0
1946	1470.0	1956	5180.0	1966	1050.0	1976	827.0
1947	1360.0	1957	2070.0	1967	3100.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.2733	3.2733
STANDARD DEVIATION	0.2143	0.2143
SKEW COEFFICIENTS		
STATION	0.5046	0.5046
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1755 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	39	39
PERIOD (YEARS)	39	39

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	664.2	570.9	525.2	418.0	714.1
0.9900	716.2	634.6	594.9	474.8	782.9
0.9500	899.6	854.6	830.2	677.7	1016.9
0.9000	1029.9	1006.8	984.8	822.0	1177.8
0.8000	1229.4	1234.0	1220.0	1039.9	1419.8
0.5000	1800.3	1849.4	1849.4	1619.2	2110.1
0.2000	2795.4	2828.8	2865.6	2460.0	3352.9
0.1000	3605.2	3561.9	3656.7	3039.2	4376.6
0.0400	4819.4	4582.9	4789.8	3804.2	5897.3
0.0200	5875.6	5412.2	5785.5	4401.0	7197.1
0.0100	7073.0	6300.4	6867.1	5022.3	8643.3

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA

LOCATION.--Lat 38°30'55", long 119°27'15", in NW¼NE¼ sec.28, T.8 N., R.23 E., Mono County, Hydrologic Unit 16050302, in Toiyabe National Forest, on left bank 0.2 mi (0.3 km) downstream from Rock Creek and 5 mi (8 km) southeast of Coleville.

DRAINAGE AREA.--271 mi^2 (702 km^2).

REMARKS.--Station is above diversions except for a few small ranch ditches. Flow slightly regulated by Poor Lake Reservoir (capacity, unknown) 17 mi (27 km) upstream.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1910									16		32	73	40	10	6	24			24	21	21	3	17	19		10	6	8	11	10	14				
1916				1	3	9	3	4	23	13	38	41	32	14	6	3	4	14	9	11	22	8	6	9	13	17	25	14	9	13	2				
1917							31	11			22	24	48	14	31	25	10	24	6	6	8	5	5	15	15	8	8	13	18	3	3	10	2		
1918						1	10	11	33	16	43	65	27	11	23	5	3	3	8	8	12	5	10	13	15	12	7	4	6	6	4	3	1		
1919									2	18	17	16	60	61	48	16	7	12	13	16	4	5	7	16	5	5	21	6	4	3	2	1			
1920										25	55	81	51	20	12	9	8	21	5	4	2	5	14	9	5	1	9	13	14	3					
1921										2	55	25	64	28	14	12	26	14	24	5	3	8	9	11	15	10	4	11	9	6	2	5	3		
1922								2	22	32	103	42	15	6	14	9	7	1	1	4	12	5	3	4	2	10	8	7	7	16	8	13	8		
1923								1	4	22	6	59	55	35	15	11	9	12	12	12	14	4	7	6	4	10	10	17	21	14	4	1			
1924		25	33	12	7	8	9	35	78	43	11	20	3	14	13	3	3	9	10	3	3	6	3	4	7	4									
1925			1	3	22	25	28	41	15	26	17	19	12	4	6	12	8	6	14	6	6	7	6	11	9	12	14	11	16	8					
1926					5	25	14	29	69	52	33	11	3	7	9	15	8	8	10	5	3	5	7	4	11	9	8	13	2						
1927					11	31	11	10	11	45	23	13	10	24	16	21	10	18	9	3	2	2	5	8	9	10	22	11	4	13	6	6	1		
1928						20	49	4	38	46	27	23	24	13	6	7	5	18	18	5	2	15	4	3	3	7	13	11	5						
1929					5	61	118	13	16	6	14	8	14	6	5	11	3	9	6	4	8	6	12	14	5	11	5	3	2						
1930				24	27	45	32	22	51	13	3	4	9	10	2	12	3	8	22	7	15	5	11	8	4	4	9	4	10	1					
1931		1	5	22	20	28	80	58	34	7	9	8	6	4	7	7	4	10	12	7	8	11	3	8	4	2									
1932				13	12	28	29	13	28	7	29	45	7	9	7	6	1	2	20	14	12	11	6	3	4	7	6	18	18	7	4				
1933					1	44	90	54	40	6	3	3	3	7	9	17	10	14	9	4	6	2	8	2	1	8	8	7	4	3	2				
1934					17	52	64	32	33	20	9	3	4	1	9	5	3	5	35	16	15	17	13	8	4										
1935						2	16	35	82	29	35	14	10	3	5	15	6	5	5	8	3	5	8	13	19	7	4	10	11	9	6				
1936						1	1	12	87	43	38	16	6	5	11	16	6	12	6	2	2	4	7	15	15	10	17	10	24						
1937						32	28	60	32	25	8	3	11	13	42	3	1	2	6	9	8	9	3	4	2	9	15	9	9	16	5	1			
1958									28	57	50	26	25	10	16	13	5	6	3	2	7	8	12	10	9	6	8	18	16	10	10	9	1		
1959						1	3	11	8	38	41	72	36	18	6	23	10	3	1	7	11	25	12	14	5	11	7	2							
1960						12	40	56	42	33	23	23	11	8	4	5	12	13	11	3	16	10	8	4	9	11	2	5	5						
1961						1	20	97	55	42	18	13	10	5	2	5	3	8	15	11	15	10	6	5	12	7	5								
1962						13	20	71	34	15	11	20	14	14	9	11	4	4	5	5	5	4	14	20	11	8	12	15	14	7	5				
1963						3	10	19	6	19	20	20	9	49	38	20	27	6	5	2	10	11	7	8	8	3	3	15	21	13	4	2	4	3	
1964								7	3	22	51	49	66	23	14	19	10	3	12	14	13	6	8	8	9	9	5	14	1						
1965								29	10	23	11	6	3		17	62	38	12	14	5	6	8	11	12	12	15	12	11	26	16	3	1	1	1	
1966									6	18	78	61	52	21	10	15	5	5	7	3	12	13	19	9	3	8	18	2							
1967								20	18	20	11	24	24	27	11	33	25	9	9	12	7	11	14	7	3	3	2	11	8	7	13	9	13	11	3
1968								5	13	20	24	48	32	39	23	28	16	8	16	18	6	8	10	15	9	12	5	5	5	1					
1969									3	16	25	26	37	48	25	12	7	12	5	8	7	12	9	6	7	3	9	4	10	15	10	12	18	5	13	1
1970										1	19	44	43	28	57	25	22	21	11	9	12	8	9	8	8	5	6	17	7	5					
1971									22	23	18	33	42	36	33	15	5	23	15	11	12	6	4	17	11	5	7	6	10	10	1				
1972								1	39	55	75	28	14	9	3	8	21	17	18	9	4	7	10	11	4	6	12	7	5	3					
1973						4	12	20	24	26	57	44	23	16	11	6	2	17	12	5	6	6	8	7	3	9	10	4	4	14	8	7			
1974									1	11	14	21	23	22	54	39	13	26	14	15	10	16	13	4	10	6	7	16	10	10	9	1			
1975									10	98	50	30	26	12	8	9	12	9	10	6	3	5	4	4	5	5	8	17	12	4	5	11	2		
1976									11	44	80	48	50	38	24	10	4	10	11	5	7	8	9	2	4	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	15341	100.0	12	82.0	1014	8130	53.0	24	560	316	2183	14.2
1	14.00	26	15341	100.0	13	96.0	648	7116	46.4	25	660	296	1867	12.1
2	16.00	39	15315	99.8	14	110.0	741	6468	42.2	26	770	384	1571	10.2
3	19.00	75	15276	99.6	15	130.0	552	5727	37.3	27	910	381	1187	7.7
4	23.00	160	15201	99.1	16	160.0	309	5175	33.7	28	1100	320	806	5.2
5	27.00	509	15041	98.0	17	180.0	454	4866	31.7	29	1300	212	486	3.1
6	31.00	943	14532	94.7	18	210.0	473	4412	28.8	30	1500	116	274	1.7
7	37.00	683	13589	88.6	19	250.0	343	3939	25.7	31	1700	103	158	1.0
8	43.00	1131	12906	84.1	20	300.0	359	3596	23.4	32	2000	38	55	.3
9	51.00	1119	11775	76.8	21	350.0	332	3237	21.1	33	2400	16	17	.1
10	59.00	1364	10656	69.5	22	410.0	360	2905	18.9	34	2800	1	1	
11	70.00	1162	9292	60.6	23	480.0	362	2545	16.6					

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1910	50.00 34	50.00 34	53.00 35	55.00 35	66.00 38	72.00 38	87.00 38	93.00 37	95.00 36
1917	35.00 26	35.00 22	35.00 20	35.00 18	35.00 17	45.00 19	58.00 28	66.00 32	87.00 35
1918	30.00 16	31.00 17	34.00 19	40.00 22	43.00 23	49.00 24	49.00 21	54.00 20	61.00 21
1919	72.00 40	76.00 40	78.00 40	86.00 40	88.00 40	91.00 40	94.00 40	98.00 39	116.00 39
1920	50.00 35	51.00 35	52.00 34	53.00 32	54.00 32	57.00 31	61.00 30	63.00 28	67.00 24
1921	60.00 37	60.00 37	60.00 37	60.00 37	60.00 35	64.00 35	72.00 36	76.00 36	78.00 31
1922	32.00 22	39.00 25	39.00 25	41.00 24	45.00 24	47.00 21	48.00 19	50.00 18	52.00 14
1923	34.00 25	39.00 26	44.00 27	47.00 27	51.00 30	61.00 34	64.00 34	64.00 30	68.00 25
1924	30.00 17	36.00 23	38.00 24	40.00 23	42.00 21	43.00 17	44.00 15	45.00 14	54.00 17
1925	14.00 1	14.00 1	14.00 1	14.00 1	15.00 1	16.00 1	18.00 1	21.00 1	25.00 1
1926	33.00 24	36.00 24	37.00 21	38.00 20	41.00 20	43.00 18	45.00 16	48.00 16	52.00 15
1927	24.00 11	25.00 6	26.00 6	27.00 8	28.00 6	28.00 4	31.00 6	33.00 7	44.00 13
1928	30.00 18	30.00 16	31.00 15	31.00 15	32.00 15	47.00 22	54.00 23	59.00 26	58.00 19
1929	23.00 6	26.00 10	27.00 10	28.00 10	28.00 7	30.00 5	30.00 4	30.00 4	31.00 4
1930	19.00 3	21.00 3	22.00 3	22.00 3	23.00 3	26.00 3	27.00 3	28.00 3	30.00 2
1931	25.00 12	26.00 11	27.00 11	29.00 11	30.00 12	32.00 10	34.00 11	34.00 8	36.00 7
1932	14.00 2	16.00 2	18.00 2	20.00 2	20.00 2	22.00 2	24.00 2	26.00 2	30.00 3
1933	26.00 13	29.00 14	29.00 13	30.00 12	30.00 13	32.00 11	33.00 10	34.00 9	37.00 9
1934	24.00 7	26.00 12	26.00 7	27.00 9	27.00 4	30.00 6	31.00 5	33.00 5	36.00 8
1935	24.00 8	24.00 4	24.00 4	26.00 4	29.00 8	32.00 12	35.00 12	39.00 13	40.00 10
1936	27.00 14	34.00 21	37.00 22	40.00 21	43.00 22	46.00 20	48.00 20	49.00 17	54.00 16
1937	30.00 19	30.00 15	30.00 14	30.00 13	30.00 9	34.00 13	35.00 13	37.00 12	43.00 11
1959	36.00 27	41.00 27	46.00 28	48.00 28	50.00 29	55.00 29	56.00 25	58.00 25	68.00 26
1960	24.00 9	25.00 7	26.00 8	27.00 5	28.00 5	31.00 7	32.00 7	35.00 11	43.00 12
1961	24.00 10	26.00 8	27.00 9	27.00 6	30.00 10	31.00 8	32.00 8	34.00 10	35.00 5
1962	23.00 4	24.00 5	24.00 5	27.00 7	30.00 11	32.00 9	32.00 9	33.00 6	36.00 6
1963	23.00 5	26.00 9	28.00 12	30.00 14	32.00 14	40.00 15	46.00 17	54.00 21	74.00 28
1964	44.00 31	47.00 31	50.00 32	53.00 33	54.00 33	57.00 32	60.00 29	65.00 31	75.00 29
1965	32.00 23	32.00 18	32.00 16	33.00 16	34.00 16	38.00 14	42.00 14	46.00 15	98.00 37
1966	60.00 38	60.00 38	62.00 38	63.00 38	64.00 37	69.00 37	71.00 35	75.00 35	81.00 32
1967	31.00 20	33.00 19	33.00 18	34.00 17	36.00 18	41.00 16	46.00 18	54.00 22	63.00 22
1968	32.00 21	34.00 20	38.00 23	42.00 25	45.00 25	51.00 25	57.00 27	63.00 29	86.00 34
1969	40.00 28	42.00 28	43.00 26	44.00 26	48.00 26	52.00 26	62.00 31	62.00 27	71.00 27
1970	65.00 39	67.00 39	69.00 39	70.00 39	75.00 39	85.00 39	91.00 39	95.00 38	113.00 38
1971	47.00 32	47.00 32	48.00 30	48.00 29	50.00 27	55.00 30	62.00 32	67.00 33	81.00 33
1972	40.00 29	44.00 29	47.00 29	48.00 30	50.00 28	53.00 27	56.00 26	57.00 24	65.00 23
1973	27.00 15	28.00 13	32.00 17	36.00 19	39.00 19	49.00 23	51.00 22	53.00 19	57.00 18
1974	50.00 36	54.00 36	56.00 36	57.00 36	61.00 36	68.00 36	80.00 37	116.00 40	128.00 40
1975	44.00 30	45.00 30	50.00 31	52.00 31	53.00 31	54.00 28	55.00 24	55.00 23	59.00 20
1976	49.00 33	50.00 33	52.00 33	54.00 34	56.00 34	58.00 33	62.00 33	67.00 34	78.00 30

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1910	1680.0 16	1560.0 17	1530.0 14	1500.0 11	1370.0 9	1100.0 12	900.0 11	770.0 9	569.0 8
1916	1560.0 22	1530.0 20	1430.0 18	1360.0 18	1210.0 17	1030.0 15	946.0 8	820.0 7	619.0 5
1917	2200.0 5	2060.0 5	1910.0 5	1800.0 5	1530.0 5	1210.0 6	1030.0 5	860.0 5	617.0 6
1918	2110.0 7	1960.0 8	1810.0 9	1600.0 8	1300.0 13	954.0 21	795.0 21	657.0 21	469.0 21
1919	1960.0 12	1710.0 12	1510.0 15	1250.0 19	1050.0 24	848.0 25	681.0 26	560.0 25	401.0 25
1920	1410.0 25	1370.0 25	1220.0 29	1140.0 28	1100.0 19	873.0 23	686.0 24	559.0 26	401.0 26
1921	2190.0 6	2160.0 4	1980.0 4	1580.0 9	1370.0 10	1090.0 13	894.0 14	736.0 13	541.0 12
1922	2290.0 3	2230.0 3	2130.0 3	1820.0 4	1810.0 3	1530.0 3	1240.0 3	994.0 3	681.0 4
1923	1570.0 21	1450.0 21	1240.0 27	1120.0 29	1060.0 21	989.0 18	871.0 15	723.0 16	525.0 14
1924	711.0 41	699.0 38	596.0 41	579.0 38	483.0 39	337.0 41	249.0 42	199.0 42	145.0 42
1925	1490.0 23	1450.0 22	1330.0 22	1210.0 20	1060.0 22	974.0 19	845.0 20	711.0 19	508.0 18
1926	1160.0 31	1110.0 31	1010.0 31	870.0 31	794.0 32	701.0 30	541.0 30	439.0 31	308.0 32
1927	2000.0 11	1900.0 9	1770.0 10	1630.0 6	1410.0 7	1180.0 7	1020.0 6	832.0 6	596.0 7
1928	1280.0 29	1270.0 29	1160.0 30	1030.0 30	939.0 29	724.0 28	557.0 29	466.0 29	327.0 29
1929	1110.0 32	1060.0 32	964.0 34	808.0 33	635.0 36	584.0 34	469.0 34	381.0 35	269.0 35
1930	1320.0 28	1280.0 28	1250.0 26	1170.0 23	939.0 30	707.0 29	562.0 28	473.0 28	335.0 28
1931	743.0 38	691.0 40	597.0 40	550.0 40	470.0 40	361.0 40	288.0 40	232.0 40	165.0 41
1932	1660.0 17	1630.0 14	1540.0 13	1390.0 14	1260.0 16	1090.0 14	866.0 16	721.0 17	514.0 16
1933	1620.0 19	1560.0 18	1400.0 19	1160.0 26	1010.0 27	693.0 31	522.0 32	426.0 32	296.0 33
1934	595.0 42	563.0 42	540.0 42	488.0 42	409.0 42	366.0 39	350.0 39	312.0 38	228.0 38
1935	1590.0 20	1540.0 19	1480.0 16	1370.0 16	1270.0 15	1010.0 16	846.0 18	694.0 20	488.0 20
1936	1270.0 30	1260.0 30	1220.0 28	1180.0 21	1030.0 25	955.0 20	846.0 19	712.0 18	508.0 19
1937	1800.0 14	1620.0 15	1450.0 17	1390.0 15	1310.0 12	1130.0 9	898.0 12	725.0 15	510.0 17
1958	2010.0 10	1900.0 10	1850.0 8	1600.0 7	1370.0 8	1330.0 4	1140.0 4	967.0 4	686.0 3
1959	797.0 37	729.0 37	680.0 37	644.0 37	527.0 38	484.0 37	423.0 37	352.0 36	257.0 36
1960	1070.0 34	1050.0 33	965.0 33	785.0 35	643.0 35	502.0 36	425.0 36	352.0 37	252.0 37
1961	730.0 39	693.0 39	638.0 38	572.0 39	539.0 37	421.0 38	355.0 38	293.0 39	209.0 39
1962	1380.0 26	1370.0 26	1310.0 23	1170.0 24	1060.0 23	824.0 26	753.0 22	652.0 22	465.0 22
1963	2220.0 4	2010.0 6	1870.0 7	1450.0 13	1280.0 14	1120.0 10	898.0 13	726.0 14	539.0 13
1964	924.0 36	852.0 36	836.0 36	738.0 36	695.0 33	570.0 35	465.0 35	385.0 34	276.0 34
1965	2040.0 8	1670.0 13	1340.0 21	1170.0 25	1080.0 20	989.0 17	860.0 17	768.0 10	564.0 10
1966	965.0 35	929.0 35	891.0 35	847.0 32	806.0 31	618.0 32	533.0 31	440.0 30	318.0 30
1967	2470.0 2	2430.0 2	2330.0 2	2210.0 2	1910.0 2	1650.0 2	1340.0 2	1090.0 2	773.0 2
1968	1110.0 33	1040.0 34	981.0 32	795.0 34	692.0 34	591.0 33	484.0 33	404.0 33	308.0 31
1969	2910.0 1	2820.0 1	2720.0 1	2580.0 1	2240.0 1	1880.0 1	1620.0 1	1350.0 1	956.0 1
1970	1380.0 27	1370.0 27	1310.0 24	1180.0 22	1020.0 26	860.0 24	681.0 25	565.0 24	418.0 24
1971	1650.0 18	1410.0 23	1370.0 20	1360.0 17	1190.0 18	902.0 22	740.0 23	614.0 23	450.0 23
1972	1430.0 24	1400.0 24	1300.0 25	1150.0 27	959.0 28	742.0 27	578.0 27	484.0 27	359.0 27
1973	1910.0 13	1820.0 11	1700.0 11	1570.0 10	1520.0 6	1160.0 8	917.0 9	740.0 12	520.0 15
1974	1700.0 15	1620.0 16	1540.0 12	1480.0 12	1360.0 11	1110.0 11	909.0 10	762.0 11	553.0 11
1975	2040.0 9	1970.0 7	1890.0 6	1830.0 3	1560.0 4	1280.0 5	1010.0 7	810.0 8	567.0 9
1976	719.0 40	660.0 41	607.0 39	505.0 41	436.0 41	330.0 42	259.0 41	216.0 41	166.0 40

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
62.1	65.3	62.6	62.3	72.5	107	281	758	955	443	135	70.7
1057	1183	1648	1137	1638	2202	12930	78450	200100	100400	8093	1077
32.5	34.4	40.6	33.7	40.5	46.9	114	280	447	317	90.0	32.8
1.85	2.20	3.49	1.78	3.48	1.00	0.87	1.08	-0.01	0.82	1.15	0.56
0.52	0.53	0.65	0.54	0.56	0.44	0.40	0.37	0.47	0.72	0.67	0.46
2.02	2.12	2.04	2.03	2.36	3.48	9.13	24.6	31.1	14.4	4.40	2.30

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
254	8727	93.4	0.34	0.37	-0.015

10296500 WEST WALKER RIVER NEAR COLEVILLE, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.74	1.77	1.74	1.75	1.82	1.99	2.41	2.85	2.91	2.51	2.03	1.80
0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.02	0.08	0.16	0.10	0.05
0.20	0.20	0.20	0.20	0.18	0.18	0.18	0.16	0.28	0.39	0.31	0.23
0.30	0.47	1.00	0.66	1.02	0.10	-0.16	-0.06	-1.32	-0.70	-0.36	-0.59
0.12	0.11	0.12	0.11	0.10	0.09	0.07	0.06	0.09	0.16	0.15	0.13
6.89	6.98	6.88	6.89	7.18	7.86	9.53	11.3	11.5	9.90	8.03	7.10

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.37	0.03	0.17	-0.54	0.07	0.021

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1903	2030.0	1921	2710.0	1934	750.0	1965	2710.0
1904	2100.0	1922	2640.0	1935	1950.0	1966	1100.0
1905	1160.0	1923	1770.0	1936	1540.0	1967	2840.0
1906	3300.0	1924	856.0	1937	2200.0	1968	1330.0
1907	4170.0	1925	1660.0	1938	6500.0	1969	3220.0
1908	1050.0	1926	1430.0	1957	2000.0	1970	1540.0
1909	2220.0	1927	2350.0	1958	2230.0	1971	1990.0
1910	1680.0	1928	1480.0	1959	884.0	1972	1650.0
1916	1830.0	1929	1370.0	1960	1270.0	1973	2200.0
1917	2400.0	1930	1450.0	1961	869.0	1974	1980.0
1918	2280.0	1931	870.0	1962	1500.0	1975	2450.0
1919	2180.0	1932	2020.0	1963	2510.0	1976	865.0
1920	1500.0	1933	2120.0	1964	1030.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.2495	3.2495
STANDARD DEVIATION	0.1893	0.1893
SKEW COEFFICIENTS		
STATION	0.1741	0.1741
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1257 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	51	51
PERIOD (YEARS)	51	51

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	620.8	608.6	572.3	480.0	727.1
0.9900	681.7	671.1	640.4	538.3	792.6
0.9500	886.8	881.3	863.6	739.3	1010.4
0.9000	1025.1	1022.5	1006.9	877.0	1156.0
0.8000	1227.0	1228.0	1218.4	1078.6	1369.5
0.5000	1754.0	1760.2	1760.2	1589.5	1948.3
0.2000	2552.7	2555.9	2577.9	2292.4	2907.9
0.1000	3128.5	3122.4	3177.1	2758.8	3646.4
0.0400	3907.8	3880.7	3995.6	3356.8	4685.7
0.0200	4525.6	4475.8	4678.0	3811.1	5533.6
0.0100	5174.9	5096.1	5397.3	4274.2	6442.9

10296800 SLINKARD CREEK TRIBUTARY NEAR TOPAZ, CA

LOCATION.--Lat 38°38'50", long 119°33'40", in NE¼NE¼ sec.9, T.9 N., R.22 E., Mono County, Hydrologic Unit 16050302, at culvert on State Highway 89, 2.1 mi (3.4 km) west of junction with U.S. Highway 395 and 3.4 mi (5.5 km) northwest of Topaz Post Office.

DRAINAGE AREA.--0.14 mi² (0.36 km²).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	22.0	1966	2.0	1969	5.0	1972	0.2
1964	0.2	1967	640.0	1970	8.0	1973	0
1965	7.6	1968	0	1971	5.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.4130 S	0.3255 S
STANDARD DEVIATION	1.1365 S	1.2797 S
SKEW COEFFICIENTS		
STATION	0.5772	0.5772
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8182	0.8182
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.3	0.2	0.0	0.0	0.8
0.5000	2.0	2.0	2.0	0.4	9.6
0.2000	21.1	24.9	32.8	5.5	241.9
0.1000	83.5	95.2	163.7	18.1	1648.7
0.0400	406.8	406.8	996.5	60.2	14248.7
0.0200	1207.6	1051.6	4109.9	128.6	60007.1
0.0100	3360.1	2490.8	15191.2	252.9	224087.1

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV

LOCATION.--Lat 38°43'40", long 119°25'40", in NE¼SE¼ sec.17, T.10 N., R.23 E., Douglas County, Hydrologic Unit 16050302, on left bank 20 ft (6 m) upstream from Hoye Bridge, 2 mi (3 km) upstream from head of Saroni Canal, and 4 mi (6 km) southwest of Wellington.

DRAINAGE AREA.--533 mi^2 (1,380 km^2).

REMARKS.--Flow regulated by off-channel storage in Topaz Lake since Jan. 30, 1922. Diversions for irrigation of about 10,500 acres (42.5 km^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926								10	8	33	110	7	3	17	8	6	9	12	5	8	7	7	17	23	20	5	17	28	5						
1927							10	23	50	25	22	19	13	12	5	10	3	12	4	15	3	6	10	23	2	8	14	27	26	16	3	1	3		
1928									62	42	12	22	8	4	7	28	1	17	16	9	13	11	12	21	30	14	17	10	6	3	1				
1929									124	11	45	14	12	21	10	11	1	9	7	8	9	8	16	20	13	16	10								
1958								49	54	33	20	6	6	10	8	3			1		1	9	7	12	16	30	20	13	26	10	17	7	2	5	
1959							58	43	18	4	2	18	11	9	6	7	6	15	8	18	10	14	9	10	47	26	26								
1960						13	65	41	18	8	11	20	36	7	9	11	10	5	8	10	13	18	21	5	5	27	5								
1961		2	6	8	18	15	33	62	31	7		3	1	11	18	23	8	11	18	30	13	7	4	2	13	19	2								
1962		10	8	8	10	19	39	45	8	9	23	3	3	1	4	2	1	4	3	1	2	9	21	30	20	19	40	23							
1963								1	46	31	38	14	18	2	2	16	14	5	13	14	7	1	6	18	20	16	20	15	13	7	16	4	3	5	
1964							6	16	15	57	45	6	3	3	18	11	20	8	8	3	4	18	25	12	45	30	7	6							
1965							5	21	10	6	31	15	31	26	14	8	1	2	1	18	3	16	3	10	22	18	12	43	30	8	9	2			
1966										7	10	55	11	18	13	12	19	25	12	16	15	10	23	13	22	38	29	17							
1967						3	30	26	12	14	38	12	11	14	1	5		7	6	12	2	9	16	18	3	26	9	18	13	7	14	14	16	9	
1968											37	55	3		9	18	13	11	22	16	14	44	16	11	31	42	24							
1969								1	9	42	22	24	5	6	6	5	3	2	4	3	8	8	12	24	40	32	11	24	14	8	6	5	25	16	
1970												56	20	7	5	4	6	43	26	9	26	22	15	9	18	28	37	9	3	11	9	2			
1971										26	41	52	16	7	23	8	3	9	7	4	2	7	11	11	51	28	14	20	9	6	6	3	1		
1972										33	90	8	5	2	11	14	18	17	4	7	5	6	34	19	14	41	36	2							
1973								2		54	72	11	17	18	9	3	4	7	2	5	6	4	3	10	15	30	10	28	20	18	1	9	3	3	1
1974											17	74	28	7	2	14	9	6	4	4	11	18	6	4	12	23	30	35	21	18	2	9	2	9	
1975									3	38	113	12	1	3	3	4	7	20	9	7	5	9	10	6	8	17	17	18	16	12	10	2	14	1	
1976									1	73	89	5	11	12	8	16	19	17	15	17	6	10	6	13	18	19	11								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8401	100.0	12	41.0	253	5229	62.2	24	340	511	2360	28.0
1	5.60	12	8401	100.0	13	48.0	203	4976	59.2	25	410	539	1849	22.0
2	6.80	14	8389	99.9	14	58.0	205	4773	56.8	26	490	441	1310	15.5
3	8.10	16	8375	99.7	15	69.0	235	4568	54.4	27	590	314	869	10.3
4	9.70	28	8359	99.5	16	83.0	175	4333	51.6	28	700	197	555	6.6
5	12.00	50	8331	99.2	17	99.0	257	4158	49.5	29	840	91	358	4.2
6	14.00	248	8281	98.6	18	120.0	206	3901	46.4	30	1000	109	267	3.1
7	17.00	338	8033	95.6	19	140.0	242	3695	44.0	31	1200	45	158	1.8
8	20.00	523	7695	91.6	20	170.0	190	3453	41.1	32	1400	76	113	1.3
9	24.00	588	7172	85.4	21	200.0	258	3263	38.8	33	1700	37	37	.4
10	28.00	884	6584	78.4	22	240.0	308	3005	35.8	34	2100			
11	34.00	471	5700	67.8	23	290.0	337	2697	32.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1925	11.00	4	13.00	4	14.00	5	17.00	9	19.00	8	22.00	8	24.00	10	26.00	10	26.00	4
1927	15.00	7	15.00	6	16.00	9	16.00	6	21.00	11	23.00	11	25.00	11	26.00	11	30.00	7
1928	22.00	14	22.00	14	22.00	13	22.00	12	22.00	12	22.00	9	23.00	9	24.00	8	39.00	10
1929	20.00	13	20.00	11	20.00	11	20.00	10	20.00	9	20.00	6	20.00	6	21.00	5	28.00	5
1959	15.00	8	15.00	7	15.00	6	15.00	5	15.00	4	16.00	3	17.00	3	18.00	4	43.00	12
1960	12.00	5	13.00	5	13.00	3	13.00	3	14.00	3	16.00	4	17.00	4	17.00	3	23.00	3
1961	6.50	2	6.70	2	7.10	2	8.10	2	9.30	2	12.00	1	13.00	1	15.00	1	16.00	1
1962	5.70	1	5.70	1	5.90	1	6.30	1	7.90	1	15.00	2	15.00	2	15.00	2	18.00	2
1963	7.60	3	20.00	12	21.00	12	22.00	13	22.00	13	24.00	12	27.00	12	35.00	17	53.00	18
1964	15.00	9	16.00	8	16.00	7	17.00	7	18.00	6	22.00	10	22.00	7	24.00	9	37.00	9
1965	15.00	10	16.00	9	16.00	8	17.00	8	18.00	7	26.00	13	39.00	20	45.00	20	50.00	16
1966	24.00	16	24.00	16	25.00	16	28.00	20	37.00	21	42.00	22	68.00	22	82.00	22	84.00	21
1967	13.00	6	13.00	3	14.00	4	15.00	4	16.00	5	17.00	5	20.00	5	22.00	6	32.00	8
1968	28.00	21	29.00	21	30.00	21	32.00	21	33.00	20	33.00	20	34.00	18	44.00	19	80.00	19
1969	19.00	12	21.00	13	23.00	14	24.00	14	24.00	14	26.00	14	28.00	14	34.00	16	84.00	20
1970	36.00	22	37.00	22	38.00	22	38.00	22	38.00	22	40.00	21	43.00	21	64.00	21	99.00	22

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1971	25.00 20	25.00 17	25.00 17	26.00 18	28.00 17	29.00 17	35.00 19	37.00 18	44.00 14
1972	24.00 17	25.00 18	25.00 18	25.00 16	28.00 18	29.00 18	29.00 16	30.00 14	45.00 15
1973	16.00 11	17.00 10	19.00 10	20.00 11	21.00 10	21.00 7	23.00 8	24.00 7	30.00 6
1974	25.00 18	25.00 19	26.00 19	27.00 19	28.00 19	29.00 19	31.00 17	33.00 15	51.00 17
1975	23.00 15	23.00 15	24.00 15	24.00 15	26.00 15	27.00 15	28.00 15	28.00 12	43.00 13
1976	25.00 19	25.00 20	26.00 20	26.00 17	27.00 16	27.00 16	27.00 13	28.00 13	40.00 11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1926	772.0 13	756.0 13	695.0 13	668.0 13	653.0 13	594.0 12	511.0 12	451.0 14	334.0 17
1927	1520.0 8	1500.0 7	1310.0 8	1110.0 8	956.0 8	842.0 7	757.0 8	659.0 8	489.0 9
1928	1050.0 12	993.0 12	853.0 12	711.0 12	668.0 12	539.0 15	493.0 15	439.0 16	336.0 16
1929	570.0 20	552.0 20	545.0 20	499.0 20	454.0 21	368.0 21	338.0 21	290.0 20	204.0 21
1958	1820.0 4	1780.0 4	1740.0 4	1450.0 4	1170.0 5	1060.0 3	926.0 3	811.0 3	634.0 3
1959	576.0 18	570.0 18	564.0 18	544.0 18	493.0 17	473.0 18	441.0 18	407.0 18	308.0 18
1960	520.0 21	517.0 21	506.0 22	465.0 22	440.0 23	367.0 22	312.0 22	281.0 21	203.0 22
1961	492.0 23	489.0 23	484.0 23	445.0 23	441.0 22	330.0 23	268.0 23	235.0 23	179.0 23
1962	692.0 14	678.0 14	641.0 15	626.0 14	597.0 14	551.0 13	503.0 14	478.0 12	389.0 12
1963	2060.0 1	2000.0 2	1840.0 3	1420.0 5	1260.0 4	999.0 5	837.0 5	721.0 5	538.0 7
1964	608.0 17	601.0 17	594.0 16	556.0 16	491.0 18	444.0 19	420.0 19	386.0 19	306.0 19
1965	1300.0 10	1240.0 9	1120.0 11	933.0 11	868.0 11	815.0 9	772.0 7	697.0 6	556.0 6
1966	670.0 15	667.0 15	656.0 14	615.0 15	588.0 15	546.0 14	509.0 13	463.0 13	361.0 13
1967	2060.0 2	2040.0 1	1970.0 1	1780.0 2	1580.0 2	1360.0 2	1150.0 2	982.0 2	734.0 2
1968	575.0 19	563.0 19	547.0 19	524.0 19	489.0 19	479.0 17	454.0 17	414.0 17	339.0 15
1969	1870.0 3	1850.0 3	1840.0 2	1810.0 1	1700.0 1	1410.0 1	1210.0 1	1030.0 1	812.0 1
1970	1240.0 11	1220.0 10	1180.0 9	1040.0 10	878.0 10	725.0 10	645.0 10	577.0 10	448.0 11
1971	1400.0 9	1220.0 11	1180.0 10	1080.0 9	907.0 9	718.0 11	636.0 11	576.0 11	467.0 10
1972	628.0 16	606.0 16	579.0 17	549.0 17	513.0 16	502.0 16	485.0 16	441.0 15	356.0 14
1973	1700.0 6	1640.0 6	1440.0 7	1290.0 7	1050.0 7	839.0 8	737.0 9	645.0 9	496.0 8
1974	1550.0 7	1490.0 8	1480.0 6	1360.0 6	1120.0 6	899.0 6	777.0 6	695.0 7	566.0 4
1975	1710.0 5	1680.0 5	1640.0 5	1560.0 3	1320.0 3	1050.0 4	900.0 4	769.0 4	560.0 5
1976	519.0 22	517.0 22	509.0 21	492.0 21	473.0 20	370.0 20	342.0 20	278.0 22	210.0 20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
60.7	31.3	31.6	37.8	49.3	65.6	234	597	681	476	268	147
882	196	557	1274	2817	6408	9128	42650	129300	63130	22130	9246
29.7	14.0	23.6	35.7	53.1	80.1	95.5	207	360	251	149	96.2
0.66	3.46	3.39	2.83	2.36	3.29	0.05	1.45	0.56	1.09	-0.13	0.34
0.49	0.45	0.75	0.94	1.08	1.22	0.41	0.35	0.53	0.53	0.55	0.65
2.27	1.17	1.18	1.41	1.84	2.45	8.72	22.3	25.4	17.8	10.0	5.48

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
237	8286	91.0	0.55	0.38	0.060

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.73	1.47	1.44	1.48	1.55	1.64	2.33	2.75	2.77	2.61	2.33	2.04
0.05	0.02	0.04	0.07	0.10	0.14	0.05	0.02	0.06	0.06	0.12	0.14
0.23	0.14	0.20	0.26	0.32	0.37	0.21	0.14	0.25	0.25	0.35	0.37
-0.28	1.47	1.90	1.55	1.35	0.65	-0.92	0.32	-0.48	-0.66	-1.08	-0.65
0.13	0.10	0.14	0.18	0.20	0.23	0.09	0.05	0.09	0.10	0.15	0.18
7.17	6.09	5.96	6.12	6.43	6.78	9.64	11.4	11.5	10.8	9.64	8.47

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.34	0.03	0.18	-0.36	0.08	0.202

10297500 WEST WALKER RIVER AT HOYE BRIDGE, NEAR WELLINGTON, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1921	1380.0	1930	867.0	1963	2080.0	1970	1290.0
1922	2180.0	1931	685.0	1964	629.0	1971	1560.0
1924	666.0	1932	1460.0	1965	1360.0	1972	661.0
1925	1190.0	1958	1860.0	1966	685.0	1973	1720.0
1926	822.0	1959	593.0	1967	2090.0	1974	1580.0
1927	1530.0	1960	564.0	1968	580.0	1975	1760.0
1928	1100.0	1961	772.0	1969	1880.0	1976	521.0
1929	636.0	1962	710.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.0252	3.0252
STANDARD DEVIATION	0.2076	0.2076
SKEW COEFFICIENTS		
STATION	0.0207	0.0207
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.0947 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	30	30
PERIOD (YEARS)	30	30

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	312.3	322.8	289.6	224.1	414.0
0.9900	351.1	360.4	331.2	257.1	454.7
0.9500	484.2	489.2	470.9	374.7	592.0
0.9000	575.0	577.3	560.7	458.2	685.4
0.8000	708.5	707.3	696.9	583.2	824.6
0.5000	1058.1	1051.8	1051.8	907.7	1218.0
0.2000	1583.8	1580.9	1606.3	1356.4	1916.0
0.1000	1957.5	1964.6	2028.3	1653.0	2480.2
0.0400	2455.3	2484.9	2619.2	2032.5	3302.2
0.0200	2843.4	2897.4	3132.8	2320.7	3991.6
0.0100	3245.5	3330.7	3676.9	2614.4	4746.4

10299100 DESERT CREEK NEAR WELLINGTON, NV

LOCATION.--Lat 38°38'55", long 119°19'30", in SW¼SW¼ sec.8, T.9 N., R.24 E., Lyon County, Hydrologic Unit 16050302, on left bank 10 ft (3 m) upstream from diversion, 0.5 mi (0.8 km) upstream from Desert Creek Ranch, and 8 mi (13 km) southeast of Wellington.

DRAINAGE AREA.--50.4 mi^2 (130.5 km^2), including about 3 mi^2 (8 km^2) diverted from Deep Creek.

REMARKS.--Station is above all diversions. Flow includes releases from Lobdell Lake, an off-channel reservoir of Deep Creek.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1966						6	15	57	49	46	29	17	8	6	24	22	54	22	8	2															
1967				1	13	57	17	46	32	33	22	6	6	2	4	3	6	24	13	5	4	7	5	10	5	7	7	5	6	6	9	4			
1968			16	12	16	38	27	23	48	58	21	24	8	35	16	17	7																		
1969		1	6	22	34	48	40	25	1	2	8	2	2	9	13	13	10	27	6	8	2	4	1	4	9	7	15	6	4	9	5	4	7	6	5

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	8.6	40	567	38.8	24	47	14	126	8.6
1	1.70	1	1461	100.0	13	9.9	25	527	36.1	25	54	14	112	7.6
2	2.10	6	1460	99.9	14	11.0	76	502	34.4	26	62	22	98	6.7
3	2.40	39	1454	99.5	15	13.0	54	426	29.2	27	72	11	76	5.2
4	2.80	59	1415	96.9	16	15.0	87	372	25.5	28	83	10	65	4.4
5	3.20	127	1356	92.8	17	17.0	80	285	19.5	29	95	15	55	3.7
6	3.70	110	1229	84.1	18	20.0	27	205	14.0	30	110	14	40	2.7
7	4.20	155	1119	76.6	19	23.0	15	178	12.2	31	130	8	26	1.7
8	4.90	105	964	66.0	20	27.0	6	163	11.2	32	150	7	18	1.2
9	5.60	129	859	58.8	21	31.0	11	157	10.7	33	170	6	11	.7
10	6.50	117	730	50.0	22	35.0	6	146	10.0	34	190	5	5	.3
11	7.40	46	613	42.0	23	41.0	14	140	9.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1966	3.80	4	4.10	4	4.40	4	4.40	4	4.60	4	4.90	4	5.30	4	5.50	4	5.90	4
1967	2.60	3	2.80	3	3.00	3	3.20	3	3.30	2	3.40	2	3.70	2	4.40	2	4.50	2
1968	2.40	2	2.40	2	2.70	2	2.90	2	3.40	3	3.80	3	4.30	3	4.70	3	5.50	3
1969	2.00	1	2.20	1	2.40	1	2.50	1	2.70	1	2.80	1	3.00	1	3.00	1	3.30	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1966	24.0	3	23.0	3	22.0	3	20.0	3	19.0	3	17.0	3	16.0	3	15.0	3	13.0	3
1967	147.0	2	131.0	2	123.0	2	118.0	2	99.0	2	78.0	2	61.0	2	50.0	2	35.0	2
1968	19.0	4	18.0	4	17.0	4	15.0	4	14.0	4	13.0	4	13.0	4	12.0	4	9.6	4
1969	198.0	1	191.0	1	186.0	1	179.0	1	153.0	1	115.0	1	92.0	1	74.0	1	53.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.62	4.74	4.73	4.39	4.61	5.99	11.4	37.7	56.7	35.1	13.6	10.2
3.89	2.87	1.76	1.62	0.90	1.96	28.6	1061	2386	428	21.2	46.2
1.97	1.70	1.33	1.27	0.95	1.40	5.35	32.6	48.8	20.7	4.60	6.80
0.43	1.11	-0.01	1.02	0.14	0.39	-0.31	1.77	0.73	-0.33	-0.44	0.52
0.43	0.36	0.28	0.29	0.21	0.23	0.47	0.86	0.86	0.59	0.34	0.67
2.39	2.45	2.44	2.27	2.38	3.09	5.88	19.5	29.3	18.1	7.01	5.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.3	97.7	9.88	0.54	0.61	-0.966

10299100 DESERT CREEK NEAR WELLINGTON, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.63	0.66	0.66	0.63	0.66	0.77	1.01	1.47	1.59	1.46	1.11	0.91
0.04	0.02	0.02	0.01	0.01	0.01	0.06	0.11	0.20	0.10	0.03	0.11
0.19	0.15	0.13	0.12	0.09	0.10	0.24	0.34	0.45	0.32	0.16	0.33
0.14	0.74	-0.43	0.70	-0.07	0.07	-0.62	0.77	-0.12	-0.53	-0.80	-0.29
0.30	0.23	0.19	0.19	0.14	0.13	0.23	0.23	0.28	0.22	0.15	0.37
5.49	5.68	5.71	5.44	5.68	6.65	8.74	12.7	13.7	12.7	9.60	7.91

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.15	0.08	0.28	0.13	0.24	-1.000

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	76.0	1968	156.0	1971	53.0	1974	78.0
1966	29.0	1969	262.0	1972	36.0	1975	170.0
1967	183.0	1970	66.0	1973	95.0	1976	16.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8851	1.8851
STANDARD DEVIATION	0.3606	0.3606
SKEW COEFFICIENTS		
STATION	-0.3605	-0.3605
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	6.8	9.8	5.9	2.9	18.5
0.9900	9.0	11.8	8.0	3.9	21.5
0.9500	18.1	20.1	16.7	8.4	32.9
0.9000	25.8	26.7	23.6	12.7	41.8
0.8000	38.9	38.0	35.6	20.8	57.2
0.5000	80.7	75.7	75.7	49.6	115.1
0.2000	156.0	153.7	165.1	102.3	280.6
0.1000	214.3	224.3	258.0	143.0	475.6
0.0400	294.8	337.8	424.6	201.0	860.0
0.0200	358.3	441.4	624.6	249.4	1276.3
0.0100	424.1	562.8	898.9	302.3	1832.3

10300000 WEST WALKER RIVER NEAR HUDSON, NV

LOCATION.--Lat 38°48'35", long 119°13'35", in SE¼SW¼ sec.18, T.11 N., R.25 E., Lyon County, Hydrologic Unit 16050302, on left bank 0.5 mi (0.8 km) upstream from Wilson Canyon and 3 mi (5 km) southeast of Hudson.

DRAINAGE AREA.--964 mi^2 (2,497 km^2).

REMARKS.--Flow regulated by off-channel storage in Topaz Lake since Jan. 30, 1922. Many diversions above station for irrigation. Station is below return flow from irrigated areas in Smith Valley.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1915									10	12	27	2	4	1	6	48	52	45	38	14	12	5	10	20	9	6	5	1	21	7	6	2	2			
1916											6	7	24	22	6	20	37	46	18	23	12	13	13	9	12	13	19	28	14	11	3	8	2			
1917									21	14	17	1	1	20	3	25	69	37	26	23	11	4	13	6	6	11	9	7	16	9	3	5	6	2	
1918						7	19	1	21	12	11	5	23	2	8	35	88	24	20	15	4	4	11	13	8	8	5		1	1	9	2	3	5		
1919					15	45	1	2		1		6	9	5	1	17	65	29	62	34	8	6	3	5	3	2	26	3	5	1	9	1	1		
1920			46			1	12	4		1	15	7	13	58	118		10	6	12	5	3	2	5	2	15	6	6	15		4					
1921							39	2	18	16	2	15	8	32	13	23	97	11	20	1	3	12	6	13	17	9	3	4	1						
1922						1	44	51	42	24	20	7	9	2	5	21	11	10	14	8	4	10	7	3	9	4	2	2	6	6	13	8	9	9	4	
1923								1	16	19	28	22	23	12	4	5	11	25	17	19	23	25	35	17	7	16	14	16	5	2	1	2				
1924					4	18	6	24	92	59	36	15	8	5	5	7	16	12	20	4	3	8	11	11		2										
1948									16	120	29	15	16	11	10	7	15	17	24	16	19	15	21	15												
1949									55	71	34	32	8	5	3	9	18	12	14	18	17	31	32	6												
1950										106	32	17	22	7	11	5	3	11	32	27	13	9	41	28	1											
1951									2	5	27	23	12	4	6	27	33	36	31	24	34	37	18	8	5	14	2	5	4	2	5	1				
1952										37	65	39	14	7	5	1	9	4	3	15	21	2	5	7	35	24	26	16	9	22						
1953										4	52	17	49	4	2	26	35	38	20	15	30	29	6	5	13	7	6	3	1	1	2					
1954									20	43	49	51	16	20	6	13	4	23	15	14	15	32	36	8												
1955									45	53	60	23	17	6	13	23	21	8	18	15	14	17	32													
1956									22	24	53	37	9	8	16	12	5	8	13	11	18	22	18	18	4	4	11	8	10	14	17	3			1	
1957										18	57	18	18	18	12	41	24	49	9	10	6	20	31	10	9	9	3	2	1							
1958										75	51	41	19	3	1			2	21	24	13	14	19	16	14	8	11	12	9	5	1	6				
1959									1	10	54	55	57	20	9	8	11	17	15	27	19	17	25	20												
1960						1	3	4	23	94	50	45	15	12	6	6	10	13	18	12	12	7	29	4												
1961								4	57	104	14	12	17	28	13	11	13	29	11	8	7	2	2	24	9											
1962			3	2	2	14	49	37	37	19	7	3	5	7	7	6	20	16	20	4	18	27	43	19												
1963								2	28	42	16	33	42	11	10	18	12	17	22	12	13	16	7	11	6	7	2	2	11	12	5	1	2	4	1
1964									2	37	81	28	31	22	17	19	15	15	24	17	27	19	12												
1965									15	28	11	52	19	16	22	6	7	14	14	20	19	8	10	25	25	12	24	4	10	3	1				
1966										5	14	30	78	17	11	31	18	29	21	20	24	31	33	3											
1967								7	42	22	38	42	10	4	2	9	7	14	10	17	23	16	20	10	6	9	6	12	10	14	6	6	3		
1968									2	8	46	56	13	18	15	15	26	32	23	24	26	32	29	1											
1969								3	36	27	25	17	5	4	1	2	7	15	16	12	16	26	11	29	41	14	6	5	2	6	7	15	17		
1970										2	13	52	32	8	18	10	20	47	42	16	24	31	9	8	5	7	8	7							
1971								3	10	26	40	62	32	5	5	9	15	18	10	12	30	27	21	13	10	3	5	2	6		1				
1972										10	61	74	23	31	11	5	9	9	20	21	25	33	25	9											
1973									12	42	75	44	14	12	3	7	5	17	21	12	8	18	36	5	12	5	1	5	6	2	2	1			
1974												71	53	28	12	20	6	10	18	20	10	42	31	16	6		8	2	2	10					
1975											30	73	51	26	23	20	5	14	7	5	8	23	11	15	9	8	12	6	3	6	8	2			
1976									2	11	43	118	43	33	20	13	7	9	17	11	4	24	11												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14246	100.0	12	62.0	791	9024	63.3	24	450	261	1297	9.1
1	10.00	3	14246	100.0	13	73.0	559	8233	57.8	25	530	205	1036	7.2
2	12.00	48	14243	100.0	14	86.0	440	7674	53.9	26	630	212	831	5.8
3	14.00	6	14195	99.6	15	100.0	792	7234	50.8	27	740	164	619	4.3
4	16.00	57	14189	99.6	16	120.0	712	6442	45.2	28	880	130	455	3.1
5	19.00	221	14132	99.2	17	140.0	789	5730	40.2	29	1000	130	325	2.2
6	23.00	184	13911	97.6	18	170.0	679	4941	34.7	30	1200	84	195	1.3
7	27.00	493	13727	96.4	19	200.0	568	4262	29.9	31	1400	58	111	.7
8	32.00	863	13234	92.9	20	230.0	606	3694	25.9	32	1700	45	53	.3
9	38.00	854	12371	86.8	21	270.0	835	3088	21.7	33	2000	7	8	
10	44.00	1246	11517	80.8	22	320.0	655	2253	15.8	34	2400	1	1	
11	52.00	1247	10271	72.1	23	380.0	301	1598	11.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1916	31.00	16	31.00	15	31.00	14	32.00	14	34.00	12	38.00	16	55.00	32	67.00	32	89.00	31
1917	42.00	32	42.00	32	46.00	33	52.00	36	53.00	34	65.00	37	113.00	37	123.00	37	116.00	36
1918	32.00	17	32.00	16	32.00	15	33.00	15	36.00	16	38.00	17	50.00	26	67.00	33	80.00	29
1919	15.00	3	16.00	3	16.00	3	19.00	5	21.00	5	28.00	6	54.00	31	88.00	34	106.00	34
1920	18.00	4	18.00	4	18.00	4	18.00	3	19.00	3	20.00	3	28.00	5	40.00	9	52.00	11
1921	13.00	2	13.00	2	13.00	1	13.00	1	13.00	1	14.00	1	20.00	1	30.00	4	55.00	16
1922	18.00	5	19.00	5	19.00	5	19.00	4	20.00	4	23.00	4	24.00	3	24.00	2	26.00	1
1923	23.00	8	23.00	8	25.00	9	27.00	8	36.00	17	42.00	22	42.00	15	65.00	30	73.00	25
1924	23.00	9	24.00	9	24.00	8	25.00	6	29.00	8	29.00	7	32.00	6	32.00	5	53.00	13
1949	30.00	15	30.00	13	30.00	12	30.00	11	30.00	9	30.00	8	32.00	7	33.00	6	36.00	4
1950	33.00	20	33.00	19	33.00	18	33.00	16	34.00	13	35.00	11	35.00	9	36.00	7	40.00	6

10300000 WEST WALKER RIVER NEAR HUDSON, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1951	37.00 25	38.00 25	41.00 28	46.00 31	54.00 35	64.00 36	94.00 36	114.00 36	177.00 37
1952	38.00 27	38.00 26	40.00 26	42.00 27	46.00 29	49.00 28	49.00 24	51.00 21	60.00 20
1953	42.00 33	42.00 33	44.00 32	45.00 30	47.00 30	49.00 29	53.00 29	56.00 26	78.00 28
1954	35.00 23	35.00 21	35.00 20	36.00 21	40.00 22	41.00 20	43.00 18	45.00 16	53.00 14
1955	34.00 21	35.00 22	35.00 21	35.00 19	36.00 18	37.00 14	38.00 11	40.00 10	44.00 7
1956	32.00 18	33.00 20	33.00 19	34.00 17	36.00 19	40.00 18	46.00 21	66.00 31	95.00 32
1957	40.00 30	41.00 31	41.00 29	43.00 28	44.00 26	45.00 26	48.00 23	58.00 27	73.00 26
1958	38.00 28	38.00 27	38.00 23	39.00 23	41.00 23	42.00 21	42.00 16	43.00 14	48.00 8
1959	37.00 26	39.00 28	40.00 27	41.00 24	41.00 24	44.00 24	46.00 22	48.00 18	64.00 22
1960	18.00 6	19.00 6	23.00 6	29.00 10	31.00 10	33.00 10	35.00 10	36.00 8	39.00 5
1961	22.00 7	22.00 7	24.00 7	25.00 7	26.00 6	26.00 5	27.00 4	28.00 3	28.00 2
1962	10.00 1	11.00 1	15.00 2	17.00 2	18.00 2	20.00 2	21.00 2	22.00 1	29.00 3
1963	25.00 10	26.00 10	27.00 10	28.00 9	29.00 7	31.00 9	34.00 8	41.00 11	63.00 21
1964	36.00 24	37.00 23	39.00 24	41.00 25	42.00 25	44.00 25	44.00 19	45.00 17	52.00 12
1965	28.00 12	29.00 12	30.00 11	31.00 12	32.00 11	36.00 12	43.00 17	54.00 24	59.00 19
1966	41.00 31	41.00 29	43.00 31	48.00 32	52.00 33	63.00 35	92.00 35	105.00 35	100.00 33
1967	30.00 13	31.00 14	31.00 13	32.00 13	35.00 14	37.00 13	39.00 12	42.00 12	48.00 9
1968	35.00 22	38.00 24	40.00 25	42.00 26	46.00 27	50.00 30	51.00 27	53.00 22	85.00 30
1969	30.00 14	32.00 17	32.00 16	34.00 18	35.00 15	38.00 15	40.00 13	43.00 13	74.00 27
1970	43.00 34	45.00 34	47.00 34	49.00 35	55.00 36	57.00 33	58.00 33	65.00 28	107.00 35
1971	27.00 11	28.00 11	33.00 17	36.00 20	39.00 20	43.00 23	46.00 20	51.00 19	55.00 15
1972	40.00 29	41.00 30	42.00 30	43.00 29	46.00 28	48.00 27	50.00 25	51.00 20	57.00 17
1973	32.00 19	33.00 18	36.00 22	37.00 22	40.00 21	40.00 19	42.00 14	44.00 15	49.00 10
1974	45.00 35	49.00 37	53.00 37	57.00 37	59.00 37	60.00 34	62.00 34	65.00 29	69.00 24
1975	47.00 37	47.00 36	48.00 35	48.00 33	50.00 31	52.00 32	54.00 30	56.00 25	66.00 23
1976	46.00 36	46.00 35	48.00 36	49.00 34	50.00 32	51.00 31	52.00 28	54.00 23	59.00 18

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1915	1440.0 13	1400.0 12	1210.0 12	1090.0 13	963.0 13	750.0 12	613.0 11	514.0 11	386.0 10
1916	1630.0 10	1530.0 10	1360.0 9	1210.0 11	1020.0 9	842.0 8	786.0 7	680.0 7	534.0 4
1917	2110.0 3	2060.0 2	1880.0 3	1680.0 3	1370.0 3	1040.0 4	880.0 3	716.0 4	521.0 7
1918	1950.0 6	1870.0 5	1760.0 5	1470.0 4	1080.0 7	701.0 13	554.0 13	455.0 14	335.0 16
1919	1900.0 7	1570.0 9	1410.0 8	1220.0 10	1010.0 10	785.0 10	603.0 12	498.0 12	373.0 14
1920	960.0 21	960.0 21	840.0 21	714.0 20	657.0 19	506.0 18	378.0 23	302.0 23	229.0 24
1921	755.0 24	730.0 24	644.0 24	533.0 24	467.0 24	399.0 24	326.0 24	269.0 26	209.0 30
1922	2370.0 2	2180.0 1	2050.0 1	1870.0 1	1620.0 2	1280.0 2	962.0 2	771.0 2	532.0 5
1923	1360.0 15	1130.0 17	924.0 19	708.0 21	637.0 20	587.0 15	521.0 15	452.0 15	380.0 11
1924	470.0 25	430.0 25	365.0 28	344.0 29	312.0 33	218.0 39	166.0 39	136.0 39	101.0 39
1948	374.0 32	364.0 30	342.0 35	330.0 33	297.0 37	282.0 33	251.0 35	226.0 35	179.0 35
1949	378.0 31	351.0 34	328.0 37	308.0 39	278.0 39	272.0 35	260.0 33	238.0 33	186.0 32
1950	391.0 29	355.0 33	351.0 30	337.0 31	326.0 29	311.0 29	294.0 27	266.0 29	219.0 27
1951	1540.0 11	1400.0 11	1090.0 16	741.0 18	636.0 21	475.0 21	399.0 20	360.0 20	289.0 20
1952	1180.0 18	1140.0 16	1120.0 14	1100.0 12	1000.0 11	869.0 6	798.0 6	733.0 3	590.0 2
1953	1260.0 17	1180.0 15	954.0 18	761.0 17	658.0 17	490.0 20	416.0 19	372.0 19	299.0 19
1954	426.0 26	412.0 26	394.0 25	380.0 25	362.0 25	327.0 26	316.0 25	284.0 24	225.0 26
1955	372.0 33	356.0 31	344.0 31	340.0 30	324.0 30	305.0 30	274.0 31	241.0 32	190.0 31
1956	2450.0 1	1720.0 7	1290.0 11	1260.0 7	1180.0 5	983.0 5	818.0 5	691.0 6	521.0 6
1957	882.0 22	825.0 23	680.0 23	564.0 23	538.0 23	444.0 23	397.0 21	345.0 21	272.0 22
1958	1690.0 9	1630.0 8	1540.0 7	1250.0 8	979.0 12	842.0 7	698.0 8	598.0 8	460.0 8
1959	354.0 36	347.0 35	342.0 32	333.0 32	321.0 31	296.0 31	267.0 32	242.0 31	180.0 34
1960	330.0 39	326.0 39	317.0 39	311.0 38	288.0 38	248.0 37	219.0 37	193.0 36	142.0 37
1961	346.0 37	339.0 36	327.0 36	317.0 37	312.0 34	239.0 38	194.0 38	168.0 38	130.0 38
1962	365.0 34	356.0 32	342.0 33	329.0 34	306.0 36	288.0 32	282.0 30	263.0 30	211.0 28
1963	2020.0 4	1980.0 3	1800.0 4	1390.0 6	1140.0 6	811.0 9	628.0 10	515.0 10	374.0 12
1964	354.0 35	347.0 36	342.0 34	329.0 35	307.0 35	278.0 34	253.0 34	228.0 34	183.0 33
1965	1040.0 20	990.0 20	881.0 20	736.0 19	657.0 18	592.0 14	525.0 14	477.0 13	374.0 13
1966	394.0 28	386.0 28	369.0 27	351.0 28	348.0 27	325.0 27	294.0 28	269.0 27	210.0 29
1967	1440.0 8	1800.0 6	1700.0 6	1470.0 5	1260.0 4	1040.0 3	843.0 4	700.0 5	537.0 3
1968	380.0 30	375.0 29	363.0 29	355.0 27	333.0 28	320.0 28	291.0 29	266.0 28	233.0 23
1969	1470.0 5	1900.0 4	1880.0 2	1840.0 2	1690.0 1	1320.0 1	1070.0 1	893.0 1	716.0 1
1970	840.0 23	828.0 22	781.0 22	659.0 22	599.0 22	459.0 22	390.0 22	343.0 22	279.0 21
1971	1290.0 16	1060.0 19	990.0 17	853.0 16	659.0 16	506.0 19	443.0 18	395.0 18	310.0 18
1972	412.0 27	401.0 27	383.0 26	373.0 26	349.0 26	329.0 25	306.0 26	283.0 25	227.0 25
1973	1440.0 12	1380.0 13	1170.0 13	1010.0 14	776.0 15	575.0 17	488.0 17	416.0 17	321.0 17
1974	1170.0 19	1120.0 18	1100.0 15	999.0 15	782.0 14	580.0 16	494.0 16	442.0 16	354.0 15
1975	1410.0 14	1380.0 14	1340.0 10	1250.0 9	1030.0 8	778.0 11	637.0 9	541.0 9	392.0 9
1976	343.0 38	339.0 37	337.0 36	328.0 36	314.0 32	249.0 36	223.0 36	188.0 37	147.0 36

WALKER LAKE BASIN

10300000 WEST WALKER RIVER NEAR HUDSON, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
73.6	69.8	77.8	64.1	82.4	98.2	189	429	619	340	154	101
1647	1660	6782	1389	3713	6831	10210	41430	152000	43480	7517	3510
40.6	40.7	82.4	37.3	60.9	82.7	101	204	390	209	86.7	59.2
1.93	1.15	3.84	1.24	1.81	2.43	1.48	1.71	0.94	1.08	0.06	0.56
0.55	0.58	1.06	0.58	0.74	0.84	0.53	0.47	0.63	0.61	0.56	0.58
3.20	3.04	3.38	2.79	3.58	4.27	8.24	18.7	26.9	14.8	6.71	4.41

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
192	6364	79.8	0.67	0.42	0.126

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.82	1.78	1.77	1.74	1.83	1.88	2.22	2.59	2.71	2.45	2.09	1.91
0.04	0.06	0.08	0.05	0.07	0.09	0.05	0.03	0.08	0.08	0.12	0.10
0.20	0.24	0.29	0.23	0.26	0.29	0.22	0.18	0.28	0.28	0.35	0.32
0.51	0.31	1.13	0.46	0.84	0.63	-0.05	0.75	-0.20	-0.41	-1.07	-0.78
0.11	0.13	0.16	0.13	0.14	0.16	0.10	0.07	0.10	0.12	0.17	0.17
7.33	7.18	7.16	7.03	7.38	7.60	8.96	10.5	10.9	9.88	8.41	7.71

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.25	0.03	0.18	-0.11	0.08	0.229

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1915	1470.0	1948	419.0	1958	1730.0	1968	392.0
1916	1710.0	1949	434.0	1959	373.0	1969	2010.0
1917	2200.0	1950	502.0	1960	346.0	1970	868.0
1918	1950.0	1951	1690.0	1961	354.0	1971	1350.0
1920	960.0	1952	1410.0	1962	400.0	1972	444.0
1921	775.0	1953	1360.0	1963	2100.0	1973	1450.0
1922	2530.0	1954	522.0	1964	361.0	1974	1190.0
1923	1510.0	1955	403.0	1965	1070.0	1975	1450.0
1924	528.0	1956	2700.0	1966	400.0	1976	354.0
1947	527.0	1957	938.0	1967	1860.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9479	2.9479
STANDARD DEVIATION	0.3003	0.3003
SKEW COEFFICIENTS		
STATION	-0.0444	-0.0444
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.0730 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	39	39
PERIOD (YEARS)	39	39

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

10300000 WEST WALKER RIVER NEAR HUDSON, NV--CONTINUED

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES				
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	145.2	156.7	137.7	99.8	216.3
0.9900	173.6	184.3	166.9	121.4	249.0
0.9500	282.0	288.6	276.4	207.7	369.1
0.9000	364.5	367.7	355.9	276.3	458.5
0.8000	496.4	494.5	486.4	389.2	601.8
0.5000	891.5	879.6	879.6	730.5	1058.5
0.2000	1589.6	1583.2	1611.2	1301.5	2010.1
0.1000	2144.5	2162.9	2240.3	1732.9	2883.3
0.0400	2944.7	3027.8	3209.5	2338.9	4291.4
0.0200	3609.9	3770.2	4113.6	2835.2	5578.8
0.0100	4332.2	4598.5	5141.7	3370.0	7085.2

10301000 WALKER RIVER AT MASON, NV

LOCATION.--Lat 38°56'55", long 119°11'10", in NE¼ sec.33, T.13 N., R.25 E., Lyon County, Hydrologic Unit 16050303, 600 ft (180 m) upstream from highway bridge at Mason.

DRAINAGE AREA.--Not determined.

REMARKS.--Flow regulated by off-channel storage in Topaz Reservoir since January 1922. Slight regulation by storage in Poor Lake and Twin Lakes Reservoirs. Diversions above station for irrigation above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																NUMBER OF DAYS IN CLASS																					
1912				5	3		10	7	4	1	19	35	27	18	22	72	50	48	11	4	3	8	3	6	3	4	3								
1914				3	2	1	2	2	2	1	17	11	2	19	8	21	23	18	18	28	14	11	13	14	25	15	26	19	25	9	8	6	2		
1915				7	6	11	14	9	2	3	6	1	5	4	75	37	31	40	23	18	22	4	1	19	11	11	3	2								
1916						6	8	7	11	20	4	18	7	18	16	24	45	7	14	11	19	7	16	42	26	25	4	8	3							
1922						21	20	20	24	7	5	2	66	11	9	17	17	40	9		5	4	8	13	10	5	8	16	14	14						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	110.0	107	1470	80.5	24	840	75	305	16.6
1	17.00	0	1827	100.0	13	130.0	70	1363	74.6	25	1000	60	230	12.5
2	20.00	0	1827	100.0	14	150.0	130	1293	70.8	26	1200	44	170	9.3
3	24.00	15	1827	100.0	15	180.0	171	1163	63.7	27	1400	45	126	6.8
4	28.00	11	1812	99.2	16	220.0	166	992	54.3	28	1700	42	81	4.4
5	33.00	39	1801	98.6	17	260.0	153	826	45.2	29	2000	23	39	2.1
6	40.00	54	1762	96.4	18	300.0	75	673	36.8	30	2300	8	16	.8
7	47.00	45	1708	93.5	19	360.0	61	598	32.7	31	2600	6	8	.4
8	56.00	43	1663	91.0	20	430.0	63	537	29.4	32	3300	2	2	.1
9	66.00	32	1620	88.7	21	510.0	34	474	25.9	33	3900			
10	78.00	51	1588	86.9	22	600.0	41	440	24.1	34	4600			
11	93.00	67	1537	84.1	23	710.0	94	399	21.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1912	95.00	3	95.00	3	111.00	3	116.00	3	123.00	3	151.00	3	183.00	2	199.00	3	209.00	3
1915	82.00	2	82.00	2	83.00	2	86.00	2	96.00	2	142.00	2	183.00	3	188.00	2	186.00	2
1916	27.00	1	27.00	1	27.00	1	30.00	1	37.00	1	45.00	1	67.00	1	91.00	1	137.00	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1912	1350.0	5	1300.0	5	1170.0	5	996.0	5	769.0	5	512.0	5	399.0	5	330.0	5	281.0	5
1914	3360.0	1	3330.0	1	3010.0	1	2460.0	1	2280.0	1	2110.0	1	1810.0	1	1640.0	1	1280.0	1
1915	1530.0	4	1450.0	4	1270.0	4	1100.0	4	999.0	4	837.0	4	693.0	4	606.0	4	470.0	4
1916	1850.0	3	1800.0	3	1640.0	3	1470.0	3	1290.0	3	1040.0	3	991.0	3	946.0	3	764.0	3
1922	2270.0	2	2240.0	2	2030.0	2	1960.0	2	1920.0	2	1610.0	2	1330.0	2	1090.0	2	797.0	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
121	188	202	280	340	392	630	890	1519	946	189	81.5
5696	7922	2443	44750	12946	33560	159900	501600	726000	638700	24500	1660
60.1	89.0	49.4	212	114	149	400	549	853	799	157	40.7
0.17	-0.64	-1.56	2.23	-0.02	0.09	-0.19	0.59	0.70	1.48	1.31	-0.12
0.49	0.47	0.25	0.76	0.55	0.51	0.54	0.62	0.56	0.35	0.37	0.50
2.11	3.26	3.49	4.85	5.89	6.79	10.9	15.4	25.3	16.4	5.12	1.41

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
444	43560	209	1.16	0.47	-1.000

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.08	2.21	2.29	2.37	2.51	2.54	2.67	2.86	3.12	2.84	2.12	1.85
0.06	0.02	0.02	0.06	0.02	0.06	0.20	0.12	0.06	0.15	0.13	0.07
0.25	0.29	0.15	0.25	0.15	0.24	0.45	0.34	0.25	0.39	0.36	0.26
-0.93	-1.85	-1.91	1.48	-0.50	-0.02	-1.54	-0.96	0.12	-0.09	0.46	-0.79
0.13	0.13	0.06	0.11	0.06	0.09	0.17	0.12	0.08	0.14	0.17	0.14
6.90	7.53	7.79	8.07	8.53	8.64	9.06	9.71	10.6	9.65	7.22	6.29

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.61	0.04	0.20	0.30	0.08	-1.000

WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV

LOCATION.--Lat 39°09'10", long 119°05'50", in SE¼NW¼ sec.20, T.15 N., R.26 E., Lyon County, Hydrologic Unit 16050303, on left bank 600 ft (180 m) upstream from timber bridge at Julian Ranch, 1.8 mi (2.9 km) downstream from Southern Pacific Railroad bridge, 4.6 mi (7.4 km) east of Wabuska, and 16 mi (26 km) upstream from Weber Dam.

DRAINAGE AREA.--2,600 mi^2 (6,700 km^2), approximately.

REMARKS.--Many diversions for irrigation above station. Flow regulated by Bridgeport Reservoir and Topaz Reservoir, combined capacity, 101,900 acre-ft (126 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1904		35			4	5	2				1		1	2	2	3	12	5		35	17	11	43	20	52	18	16	10	17	13	31	11			
1921		2			15	21	30	4	2	8	6	5	6	9	10	24	11	14	7	10	14	50	55	37	14	2	5	1	3						
1922							14	6	1	14	6	11	5	20	12	4	24	4	19	40	23	16	33	9	8	7	15	6	10	10	8	15	23	2	
1923												1		1		5	3	3	19	55	30	48	66	55	45	10	13	10	1						
1926									1	21	1	21	28	6	18	89	23	88	43	13	13														
1927										2	12	20	1	21	2	17	29	62	44	36	27	32	13	8	3	2	9	4	4	13	1	3			
1928										1	28	4	1	7	11	17	22	49	108	81	22	7	3	1		2	2								
1929					7		5		4	11	22	21	26	41	66	105	36	17	3	1															
1930							3	29	21	4	19	58	66	33	47	48	19	8	5	5															
1931	87	3			3	1	2		1	19	52	47	31	24	51	42	2																		
1932	37	9			11	21	4				4	3	20	8	21	43	59	51	17	13	11	6	3	2	3	2	2	2	2	5	7			
1933													5	20	84	48	26	86	17	38	30	11													
1934		16			13	11	2	3		2	2	3	36	48	54	55	80	22	6	8	3	1													
1935					15	2			4	15	6	39	48	20	51	40	34	13	6	14	10	4	6	7	10	4	14	3							
1940																9	92	110	41	39	39	12	6	1	1	4	2	2	7	1					
1941																	2	51	83	60	44	13	19	21	16	1	10	1	1	11	13	17	2		
1943																		4	55	24	88	16	16	24	25	18	23	18	17	13	5	7	9	3	
1945															11	2	1	5	21	100	93	21	11	15	8	5	2	1	5	3	3	5	15	37	1
1946																				4	69	80	44	41	71	25	2	5	15	7	1	1			
1947														2	5	29	9	7	8	36	89	119	34	21	6										
1948							11	4	10	20	14	6	27	1	46	35	26	65	39	50	12														
1949											6	12	48	23	22	57	45	48	32	42	12		7	11											
1950													37	13	29	47	95	85	36	21	1	1													
1951															1	25	35	43	23	23	21	39	31	23	35	11	14	15	6	8	8	3	1		
1952																		30	51	26	31	19	22	8	30	5	5	16	12	19	30	59	3		
1953															1	4	21	24	57	29	31	58	21	24	54	15	16	5	3	2					
1954																65	46	86	76	63	19	8	2											
1955												12	12	4	20	76	64	53	100	19	3				2									
1956													22	13	17	18	17	7	11	15	23	35	54	10	9	29	16	6	6	4	17	5	26	6	
1957																	2	48	53	45	80	49	42	15	18	10	2	1						
1958																		15	17	45	106	5	7	33	22	20	13	28	26	10	7	2	9		
1959										3	7	12	27	9	16	12	7	13	36	35	71	42	47	16	12										
1960											1	3	18	27	64	64	108	63	9	7	1	1													
1961											1	22	47	46	56	32	84	54	16	5	1	1													
1962							1	8	7	9	27	50	27	15	15	38	45	37	26	16	12	6	5	6	9	4	2								
1963															2	27	33	62	44	45	38	19	12	9	11	8	7	10	6	4	13	7	6	2	
1964													4	2	11	32	33	43	59	105	65	8	4												
1965											6	7	12	7	10	12	30	11	16	48	37	21	32	43	19	15	14	9	13	3					
1966														6	16	20	18	26	11	15	72	65	42	8	26	28	4	2	6						
1967											3	9	5	7	8	4	17	27	22	49	13	6	14	27	27	27	23	13	19	16	14	8	7		
1968															3	3	10	61	26	48	61	57	38	26	22	4	5	2							
1969																20	27	46	10	12	15	27	12	5	17	5	7	16	54	39	9	12	10	21	1
1970																3	6	27	39	52	64	34	19	28	37	19	12	13	6	6					
1971															4	12	10	37	56	77	58	30	17	27	14	8	5	1	7	1	1				
1972													4	8	12	16	19	16	43	73	123	30	16	5	1										
1973														1		8	8	31	55	85	88	39	12	12	4	2	2	1	2	5	7	3			
1974															1	4	3	10	22	32	121	61	41	21	16	7	5	8	6	7					
1975																		12	5	26	134	55	42	21	11	12	3	6	11	14	12	1			
1976											4	11	13	7	20	25	43	47	42	61	79	14													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	124	17897	100.0	12	14.0	577	16666	93.1	24	240	658	2481	13.8
1	1.00	65	17773	99.3	13	16.0	451	16089	89.9	25	310	329	1823	10.1
2	1.30	0	17708	98.9	14	22.0	819	15638	87.4	26	390	270	1494	8.3
3	1.60	0	17708	98.9	15	28.0	1239	14819	82.8	27	490	215	1224	6.8
4	2.00	68	17708	98.9	16	36.0	1336	13580	75.9	28	630	265	1009	5.6
5	2.60	61	17640	98.6	17	45.0	1726	12244	68.4	29	800	214	744	4.1
6	3.30	74	17579	98.2	18	58.0	1534	10518	58.8	30	1000	187	530	2.9
7	4.20	54	17505	97.8	19	73.0	1781	8984	50.2	31	1300	159	343	1.9
8	5.30	51	17451	97.5	20	93.0	2014	7203	40.2	32	1600	111	184	1.0
9	6.70	129	17400	97.2	21	120.0	1177	5189	29.0	33	2100	71	73	.4
10	8.60	228	17271	96.5	22	150.0	891	4012	22.4	34	2600	2	2	
11	11.00	377	17043	95.2	23	190.0	640	3121	17.4					

10301500 WALKER RIVER NEAR WABUSKA, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1904	1.00 3	1.00 3	1.00 3	1.00 3	1.00 2	1.00 2	1.20 2	2.80 2	34.00 16
1922	1.00 4	1.30 4	1.90 4	1.90 4	2.70 4	4.60 4	5.20 4	9.60 4	28.00 11
1923	6.00 9	6.70 9	7.10 10	7.90 10	13.00 12	27.00 20	39.00 22	64.00 31	99.00 37
1927	6.00 10	6.70 10	7.00 9	7.00 9	9.80 10	11.00 9	12.00 9	13.00 9	25.00 9
1928	30.00 32	32.00 32	35.00 33	39.00 33	52.00 32	71.00 33	74.00 33	75.00 33	77.00 31
1929	8.00 11	9.00 12	9.00 11	9.10 11	9.60 9	11.00 10	13.00 10	15.00 10	22.00 7
1930	2.00 5	2.00 5	2.90 5	3.80 5	4.40 5	6.00 5	7.80 5	11.00 5	14.00 3
1931	4.00 8	4.70 8	5.00 8	5.00 6	5.30 6	7.30 7	9.00 6	12.00 8	17.00 4
1932	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.93 1
1933	13.00 19	13.00 17	16.00 20	25.00 23	26.00 22	26.00 19	28.00 19	31.00 19	36.00 18
1934	15.00 20	15.00 21	16.00 21	16.00 19	16.00 15	19.00 13	21.00 13	24.00 13	31.00 13
1935	1.00 2	1.00 2	1.00 2	1.00 2	1.50 3	2.10 3	4.70 3	6.50 3	12.00 2
1940	23.00 26	23.00 25	23.00 23	24.00 21	25.00 20	25.00 18	27.00 18	30.00 18	35.00 17
1941	31.00 33	32.00 33	34.00 31	36.00 30	40.00 28	43.00 27	49.00 27	50.00 26	54.00 26
1943	66.00 42	68.00 43	71.00 42	79.00 42	82.00 41	84.00 39	88.00 37	94.00 38	103.00 38
1945	21.00 24	22.00 23	26.00 24	34.00 27	41.00 29	51.00 31	56.00 31	62.00 30	71.00 30
1946	50.00 41	50.00 40	56.00 40	69.00 40	81.00 40	87.00 41	95.00 41	106.00 40	155.00 43
1947	90.00 46	90.00 46	91.00 46	92.00 43	100.00 44	115.00 45	121.00 45	123.00 44	131.00 41
1948	9.00 14	13.00 18	15.00 19	17.00 20	26.00 21	29.00 21	31.00 20	36.00 21	47.00 24
1949	3.50 6	3.80 6	4.20 6	5.00 7	5.70 7	6.80 6	9.70 7	11.00 6	25.00 10
1950	12.00 17	13.00 19	14.00 17	15.00 17	19.00 19	22.00 15	23.00 14	27.00 15	32.00 14
1951	15.00 21	15.00 20	15.00 18	15.00 18	18.00 18	30.00 22	40.00 23	43.00 22	43.00 20
1952	25.00 27	28.00 30	34.00 32	37.00 31	41.00 30	49.00 29	53.00 29	58.00 29	63.00 28
1953	42.00 38	54.00 41	63.00 41	76.00 41	88.00 42	117.00 46	112.00 44	126.00 45	160.00 44
1954	25.00 28	28.00 31	32.00 30	34.00 28	38.00 26	44.00 28	49.00 28	53.00 27	55.00 27
1955	26.00 31	27.00 29	29.00 27	31.00 25	32.00 24	32.00 23	34.00 21	35.00 20	45.00 21
1956	12.00 18	12.00 16	12.00 15	13.00 15	16.00 16	24.00 17	24.00 15	25.00 14	30.00 12
1957	36.00 34	41.00 34	45.00 35	54.00 37	80.00 39	83.00 37	94.00 39	109.00 41	111.00 40
1958	45.00 39	45.00 38	45.00 36	48.00 34	52.00 33	58.00 32	61.00 32	68.00 32	79.00 32
1959	67.00 43	67.00 42	83.00 43	93.00 44	97.00 43	100.00 42	110.00 42	119.00 43	148.00 42
1960	8.50 12	8.50 11	9.30 12	10.00 12	12.00 11	14.00 11	16.00 11	18.00 11	22.00 8
1961	9.10 15	11.00 15	13.00 16	13.00 16	17.00 17	17.00 12	18.00 12	19.00 12	20.00 5
1962	4.00 7	4.70 7	4.90 7	5.20 8	8.00 8	10.00 8	11.00 8	12.00 7	20.00 6
1963	18.00 23	22.00 24	26.00 25	34.00 26	38.00 25	42.00 26	42.00 25	44.00 23	45.00 22
1964	37.00 35	41.00 35	45.00 37	51.00 35	56.00 34	81.00 36	83.00 36	88.00 35	86.00 33
1965	8.60 13	9.20 13	10.00 13	12.00 13	14.00 13	20.00 14	25.00 16	28.00 16	33.00 15
1966	72.00 44	74.00 44	84.00 44	95.00 46	109.00 47	131.00 47	153.00 47	174.00 47	219.00 47
1967	9.80 16	10.00 14	11.00 14	12.00 14	16.00 14	23.00 16	26.00 17	30.00 17	40.00 19
1968	91.00 47	92.00 47	94.00 47	99.00 47	108.00 46	114.00 44	122.00 46	134.00 46	169.00 45
1969	23.00 25	24.00 26	31.00 29	36.00 29	39.00 27	41.00 25	43.00 26	44.00 24	47.00 23
1970	75.00 45	80.00 45	84.00 45	93.00 45	106.00 45	108.00 43	110.00 43	116.00 42	181.00 46
1971	25.00 29	26.00 27	28.00 26	29.00 24	44.00 31	50.00 30	55.00 30	58.00 28	66.00 29
1972	40.00 36	42.00 37	46.00 38	56.00 38	70.00 37	86.00 40	90.00 38	91.00 37	96.00 35
1973	15.00 22	17.00 22	19.00 22	25.00 22	30.00 23	37.00 24	40.00 24	47.00 25	54.00 25
1974	26.00 30	27.00 28	30.00 28	39.00 32	57.00 35	76.00 34	79.00 34	88.00 36	96.00 36
1975	46.00 40	47.00 39	48.00 39	53.00 36	66.00 36	84.00 38	95.00 40	98.00 39	103.00 39
1976	40.00 37	41.00 36	44.00 34	59.00 39	76.00 38	81.00 35	81.00 35	87.00 34	90.00 34

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1904	1520.0 12	1420.0 13	1310.0 12	1310.0 11	1270.0 9	1120.0 6	932.0 6	768.0 6	596.0 6
1921	730.0 24	709.0 24	582.0 25	409.0 27	312.0 28	221.0 28	192.0 26	176.0 26	156.0 25
1922	2170.0 6	2110.0 6	1910.0 5	1880.0 4	1770.0 4	1430.0 3	1130.0 4	903.0 4	641.0 4
1923	662.0 26	591.0 26	525.0 26	436.0 25	412.0 23	356.0 21	293.0 21	276.0 19	230.0 18
1926	119.0 45	119.0 41	116.0 41	88.0 42	79.0 42	66.0 42	59.0 42	54.0 42	50.0 42
1927	1520.0 13	1410.0 14	1190.0 15	1050.0 15	823.0 13	526.0 14	388.0 14	308.0 16	226.0 19
1928	408.0 31	398.0 31	282.0 32	183.0 34	126.0 35	91.0 37	86.0 37	82.0 37	79.0 36
1929	76.0 48	73.0 48	62.0 48	49.0 48	43.0 48	40.0 48	37.0 47	34.0 47	33.0 47
1930	82.0 47	79.0 47	70.0 47	52.0 47	50.0 47	41.0 47	36.0 48	32.0 48	26.0 48
1931	40.0 49	33.0 49	30.0 49	30.0 49	29.0 49	26.0 49	25.0 49	22.0 49	19.0 49
1932	1250.0 17	1240.0 16	1150.0 16	979.0 16	617.0 18	336.0 23	243.0 24	193.0 25	146.0 27
1933	126.0 43	125.0 40	125.0 39	117.0 37	103.0 38	87.0 39	74.0 39	71.0 39	68.0 39
1934	129.0 42	112.0 42	89.0 43	67.0 45	56.0 46	49.0 46	45.0 46	41.0 46	37.0 46
1935	518.0 29	499.0 27	454.0 28	420.0 26	371.0 25	259.0 26	187.0 27	153.0 28	112.0 31

10301500 WALKER RIVER NEAR WABUSKA, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1940	863.0 23	812.0 23	765.0 21	592.0 22	353.0 26	240.0 27	184.0 28	150.0 30	126.0 30
1941	1800.0 9	1630.0 10	1490.0 10	1380.0 10	1280.0 8	977.0 8	699.0 10	571.0 10	427.0 10
1943	2420.0 3	2170.0 4	1840.0 8	1630.0 6	1260.0 10	803.0 11	761.0 9	675.0 8	570.0 8
1945	2630.0 1	2550.0 2	2450.0 1	2360.0 1	2280.0 1	1710.0 1	1480.0 1	1150.0 2	825.0 3
1946	1310.0 16	1160.0 17	970.0 17	739.0 18	639.0 16	458.0 15	387.0 15	349.0 14	339.0 13
1947	297.0 33	293.0 33	254.0 33	224.0 32	195.0 31	164.0 31	146.0 31	139.0 31	136.0 29
1948	114.0 46	106.0 43	102.0 42	89.0 41	83.0 40	77.0 40	66.0 41	60.0 41	52.0 41
1949	200.0 36	197.0 36	196.0 34	189.0 33	151.0 33	120.0 33	103.0 35	89.0 36	74.0 37
1950	135.0 41	89.0 45	86.0 44	80.0 43	68.0 43	59.0 43	52.0 43	50.0 43	43.0 44
1951	1750.0 11	1520.0 11	1360.0 11	1130.0 13	821.0 14	579.0 13	456.0 13	401.0 13	299.0 14
1952	1800.0 10	1680.0 9	1550.0 9	1530.0 9	1380.0 6	1330.0 5	1310.0 3	1150.0 3	931.0 2
1953	955.0 20	865.0 20	690.0 23	497.0 24	410.0 24	347.0 22	260.0 23	220.0 23	213.0 21
1954	167.0 38	149.0 38	140.0 36	119.0 36	93.0 39	89.0 38	84.0 38	81.0 38	68.0 38
1955	260.0 35	199.0 35	127.0 37	94.0 40	79.0 41	73.0 41	70.0 40	67.0 40	57.0 40
1956	2350.0 4	2290.0 3	2150.0 3	1920.0 3	1820.0 3	1380.0 4	1090.0 5	893.0 5	633.0 5
1957	535.0 27	455.0 29	372.0 29	286.0 29	276.0 29	212.0 29	169.0 29	164.0 27	143.0 28
1958	1880.0 8	1880.0 8	1850.0 7	1590.0 8	1220.0 11	946.0 9	776.0 8	675.0 9	537.0 9
1959	308.0 32	307.0 32	302.0 31	281.0 30	239.0 30	193.0 30	167.0 30	151.0 29	147.0 26
1960	120.0 44	106.0 44	86.0 45	69.0 44	62.0 44	50.0 45	47.0 45	45.0 45	42.0 45
1961	149.0 39	88.0 46	72.0 46	62.0 46	59.0 45	51.0 44	48.0 44	48.0 44	46.0 43
1962	480.0 30	423.0 30	352.0 30	267.0 31	190.0 32	155.0 32	125.0 32	104.0 33	83.0 35
1963	2280.0 5	2160.0 5	2040.0 4	1710.0 5	1400.0 5	903.0 10	640.0 11	500.0 11	402.0 11
1964	168.0 37	159.0 37	127.0 38	113.0 38	108.0 37	98.0 36	94.0 36	93.0 35	86.0 34
1965	909.0 21	870.0 19	780.0 20	711.0 19	589.0 19	456.0 16	378.0 16	334.0 15	274.0 15
1966	724.0 25	704.0 25	675.0 24	538.0 23	427.0 22	375.0 20	313.0 20	273.0 20	224.0 20
1967	2060.0 7	2030.0 7	1880.0 6	1610.0 7	1340.0 7	1050.0 7	851.0 7	716.0 7	583.0 7
1968	520.0 28	493.0 28	457.0 27	372.0 28	322.0 27	270.0 25	237.0 25	213.0 24	179.0 23
1969	2630.0 2	2560.0 1	2390.0 2	2320.0 2	2200.0 2	1700.0 2	1410.0 2	1250.0 1	1020.0 1
1970	875.0 22	859.0 21	796.0 19	675.0 20	511.0 20	394.0 19	338.0 17	289.0 17	273.0 16
1971	1010.0 18	853.0 22	758.0 22	622.0 21	437.0 21	321.0 24	269.0 22	228.0 22	177.0 24
1972	287.0 34	247.0 34	188.0 35	144.0 35	137.0 34	118.0 34	113.0 33	113.0 32	111.0 32
1973	1460.0 14	1420.0 12	1240.0 13	1100.0 14	727.0 15	431.0 17	325.0 18	267.0 21	211.0 22
1974	997.0 19	942.0 18	914.0 18	771.0 17	620.0 17	394.0 18	313.0 19	279.0 18	232.0 17
1975	1320.0 15	1270.0 15	1240.0 14	1140.0 12	991.0 12	719.0 12	536.0 12	449.0 12	348.0 12
1976	144.0 40	126.0 39	121.0 40	113.0 39	111.0 36	104.0 35	104.0 34	97.0 34	90.0 33

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
65.1	79.6	102	118	136	143	157	242	507	245	84.0	65.8
5569	4582	12870	10630	10230	20530	51470	88950	326600	100300	8938	3712
74.6	67.7	113	103	101	143	227	298	572	317	94.5	60.9
3.50	1.78	4.12	1.97	1.20	2.56	3.59	2.16	1.32	1.76	2.29	1.40
1.15	0.85	1.11	0.87	0.75	1.00	1.44	1.23	1.13	1.29	1.13	0.93
3.35	4.09	5.25	6.07	6.98	7.36	8.09	12.4	26.1	12.6	4.32	3.38

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
159	18130	135	1.28	0.85	0.161

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.58	1.74	1.86	1.94	2.01	1.97	1.94	2.14	2.38	2.03	1.69	1.57
0.27	0.18	0.13	0.12	0.12	0.19	0.20	0.20	0.34	0.41	0.26	0.32
0.52	0.42	0.36	0.35	0.34	0.43	0.45	0.44	0.59	0.64	0.51	0.57
-0.96	-0.94	-0.16	-0.12	-0.32	-0.35	0.37	0.51	-0.04	-1.07	-0.86	-1.11
0.33	0.24	0.19	0.18	0.17	0.22	0.23	0.21	0.25	0.32	0.30	0.36
6.91	7.61	8.13	8.47	8.81	8.61	8.51	9.38	10.4	8.89	7.39	6.89

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.16	0.40	-0.20	0.19	0.416

WALKER LAKE BASIN

10301500 WALKER RIVER NEAR WABUSKA, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1903	964.0	1929	76.0	1949	200.0	1963	2320.0
1904	1560.0	1930	82.0	1950	135.0	1964	170.0
1905	613.0	1931	40.0	1951	1750.0	1965	922.0
1906	3280.0	1932	1250.0	1952	1800.0	1966	742.0
1907	2810.0	1934	129.0	1953	955.0	1967	2110.0
1920	259.0	1935	518.0	1954	167.0	1968	532.0
1921	790.0	1940	863.0	1955	260.0	1969	2680.0
1922	2220.0	1941	1800.0	1956	2350.0	1970	935.0
1923	870.0	1942	2000.0	1957	535.0	1971	1060.0
1924	290.0	1943	2420.0	1958	1880.0	1972	321.0
1925	315.0	1945	2630.0	1959	316.0	1973	1480.0
1926	119.0	1946	1300.0	1960	128.0	1974	1040.0
1927	1550.0	1947	297.0	1961	262.0	1975	1350.0
1928	408.0	1948	114.0	1962	486.0	1976	201.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7908	2.7908
STANDARD DEVIATION	0.4874	0.4874
SKEW COEFFICIENTS		
STATION	-0.4430	-0.4430
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.1831 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	56	56
PERIOD (YEARS)	56	56

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	21.6	28.3	23.4	15.0	45.6
0.9900	31.7	39.1	33.9	21.9	60.6
0.9500	85.6	92.2	87.1	59.2	130.4
0.9000	140.5	143.7	137.8	98.3	195.1
0.8000	248.1	243.0	238.1	177.3	317.6
0.5000	671.0	639.3	639.3	498.4	821.4
0.2000	1614.2	1602.4	1631.4	1224.5	2200.2
0.1000	2442.3	2541.7	2632.1	1878.9	3692.4
0.0400	3676.9	4098.5	4336.6	2900.0	6372.4
0.0200	4706.8	5537.8	6015.3	3799.1	9016.3
0.0100	5811.5	7222.5	8020.6	4814.2	12266.0

10302000 WALKER RIVER AT SCHURZ, NV

LOCATION.--Lat 38°57', long 118°48', in sec.36, T.13 N., R.28 E., Mineral County, Hydrologic Unit 16050303, at railroad bridge at Schurz, 3 mi (5 km) upstream from Walker Lake and 6 mi (10 km) downstream from Walker River Indian Reservation diversion dam.

DRAINAGE AREA.--2,850 mi^2 (7,380 km^2), approximately.

REMARKS.--Many diversions for irrigation above station. Flow regulated by Topaz Reservoir since 1922 and by Bridgeport Reservoir since 1923. Flow slightly regulated by Twin Lakes and Poor Lake Reservoirs (capacities unknown).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1915												47	5	1	1	3	2			6	4	5	32	39	146	25	6	25	12	6						
1916							15		9		18	15	1	1	4	1	1	2	2	6	28	9	13	17	34	35	37	44	60	10	4						
1917						21	17	4	1	1	4	1		1		1	1		1	2	1	5	7	22	73	42	22	33	28	10	16	1					
1920	139			49		3		1					1		2	1	1	1	3	18	21	63	47	26												
1921	58						71	4	31		11	21	1		3	8	2	3	5	11	15	22	43	40	10		3	3								
1922	38						20		11		7	11	4	3	3	14	26	29	5	9	15	17	23	22	10	16	18	7	14	9	25	9				
1923							7		4		4	20	7	2	2	8	11	5	15	13	16	24	80	69	43	14	10	4	2							
1924	92			20			41		13		4	8	7	1	8	9		1	3	8	12	21	77	35	15	1										
1925	320						1		3		1	4	4	2	3	4	4	2	2	3	1	3		3	5											
1926	100						71		9		6	22	7	11	7	8	11	39	30	9	2	31	2													
1927							13		52		7	14	20	17	15	4	19	16	25	39	30	38	14	4	5	8	5	5	11	1	3					
1928							65		13		9	28	19	11	7	3	7	21	20	62	76	16	2	2		5										
1929							55		125		66	30	12	9	14	6	13	19	11	7															
1930							7		200		35	32	18	7	8	15	13	11	9	5															
1931							87		164		28	24	4	6	11	2	5	8	14	9	2	1													
1932							150		73		29	12	13	2	3		6	7	12	11	9	9	8	5	2	4	1	2	5	5					
1933							10		72		21	30	20	22	30	21	19	16	44	12	22	16	10												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	747	6210	100.0	12	5.4	143	4399	54.7	24	210	343	999	16.0
1	0.10	0	5463	88.0	13	7.3	96	3256	52.4	25	290	200	656	10.5
2	0.20	0	5463	88.0	14	10.0	121	3160	50.9	26	400	102	456	7.3
3	0.30	0	5463	88.0	15	14.0	108	3039	48.9	27	540	123	354	5.7
4	0.50	59	5463	88.0	16	18.0	146	2931	47.2	28	730	132	231	3.7
5	0.60	21	5404	87.0	17	25.0	180	2785	44.8	29	990	41	99	1.6
6	0.90	623	5383	86.7	18	34.0	201	2605	41.9	30	1300	48	58	.9
7	1.20	8	4760	76.7	19	46.0	230	2404	38.7	31	1800	10	10	.1
8	1.60	784	4752	76.5	20	63.0	253	2174	35.0	32	2500			
9	2.10	1	3968	63.9	21	85.0	280	1921	30.9	33				
10	2.90	249	3967	63.9	22	120.0	358	1641	26.4	34				
11	4.00	319	3718	59.9	23	160.0	284	1283	20.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1916	4.00 16	4.00 16	4.00 16	4.00 15	4.50 15	4.80 12	17.00 13	34.00 11	92.00 14
1917	1.00 14	1.00 13	1.00 11	1.10 11	1.80 10	5.50 14	77.00 15	127.00 16	175.00 16
1918	0.81 7	0.80 6	0.80 6	0.81 6	0.89 6	1.30 7	11.00 11	42.00 13	79.00 12
1921	0.01 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.06 2	29.00 10
1922	0.01 2	0.00 2	0.00 2	0.00 2	0.00 2	0.30 4	0.38 3	0.85 4	7.50 7
1923	0.01 3	1.00 7	1.00 7	1.00 7	2.90 13	5.00 13	15.00 12	41.00 12	82.00 13
1924	1.00 8	1.00 6	1.40 12	3.10 14	3.40 14	13.00 15	77.00 16	103.00 15	112.00 14
1925	0.01 4	0.00 3	0.00 3	0.00 3	0.00 3	0.00 2	0.00 2	0.00 1	0.00 1
1926	0.01 5	0.00 4	0.00 4	0.00 4	0.00 4	1.90 8	2.00 7	5.10 10	14.00 9
1927	0.01 6	0.00 5	0.00 5	0.00 5	0.00 5	0.22 3	0.47 4	0.64 3	2.30 5
1928	1.00 9	2.30 15	3.70 15	5.10 16	7.50 16	26.00 16	37.00 14	46.00 14	52.00 11
1929	1.00 10	1.00 9	1.00 8	1.00 8	1.00 7	1.00 5	1.00 5	1.00 5	1.80 5
1930	1.00 11	1.00 10	1.60 13	1.60 12	1.80 11	2.00 9	2.00 8	2.00 7	2.30 4
1931	2.00 15	2.00 14	2.00 14	2.00 13	2.00 12	2.00 10	2.00 9	2.20 8	3.10 6
1932	1.00 12	1.00 11	1.00 9	1.00 9	1.00 8	1.00 6	1.00 6	1.00 6	1.19 6
1933	1.00 13	1.00 12	1.00 10	1.00 10	1.10 9	2.50 11	2.70 10	3.40 9	9.00 8

1030200 WALKER RIVER AT SCHURZ, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1915	1170.0 5	1140.0 5	994.0 6	838.0 5	817.0 4	642.0 4	530.0 4	457.0 4	384.0 4
1916	1450.0 4	1430.0 3	1330.0 3	1190.0 3	1070.0 3	850.0 3	821.0 3	806.0 2	678.0 1
1917	1860.0 2	1780.0 2	1730.0 2	1590.0 2	1450.0 2	1056.0 2	904.0 2	795.0 3	629.0 3
1920	183.0 12	179.0 12	173.0 12	163.0 10	148.0 10	145.0 10	131.0 10	114.0 10	76.0 10
1921	622.0 8	586.0 8	479.0 8	289.0 8	201.0 9	177.0 9	162.0 9	136.0 8	99.0 8
1922	1970.0 1	1920.0 1	1790.0 1	1760.0 1	1690.0 1	1320.0 1	1030.0 1	836.0 1	591.0 2
1923	810.0 7	707.0 7	550.0 7	443.0 7	384.0 7	310.0 6	234.0 6	227.0 6	200.0 5
1924	293.0 10	279.0 10	259.0 10	231.0 9	218.0 8	185.0 8	164.0 7	153.0 7	134.0 7
1925	250.0 11	245.0 11	219.0 11	127.0 12	71.0 14	40.0 14	27.0 14	22.0 14	14.0 14
1926	121.0 14	118.0 14	114.0 14	112.0 14	108.0 11	75.0 12	60.0 13	49.0 13	37.0 13
1927	1480.0 3	1370.0 4	1130.0 4	988.0 4	745.0 5	449.0 5	318.0 5	247.0 5	170.0 6
1928	350.0 9	340.0 9	277.0 9	149.0 11	78.0 13	70.0 13	69.0 11	67.0 11	53.0 11
1929	54.0 16	53.0 16	48.0 16	40.0 16	35.0 16	28.0 15	21.0 15	17.0 15	12.0 15
1930	54.0 17	52.0 17	48.0 17	32.0 17	21.0 17	18.0 17	14.0 17	11.0 17	10.0 17
1931	91.0 15	76.0 15	67.0 15	55.0 15	45.0 15	27.0 16	21.0 16	17.0 16	12.0 16
1932	1200.0 5	1130.0 6	1040.0 5	813.0 6	472.0 6	237.0 7	162.0 8	123.0 9	101.0 8
1933	136.0 13	134.0 13	130.0 13	124.0 13	106.0 12	82.0 11	69.0 12	57.0 12	44.0 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
46.1	79.9	104	124	151	134	168	254	465	135	28.5	16.4
5669	8304	8245	19780	21340	25770	76970	159400	348800	79800	6409	1037
75.3	91.1	90.8	141	146	170	277	400	586	282	80.3	32.2
1.65	1.00	0.52	2.29	1.47	1.60	1.93	1.95	1.28	1.47	4.15	2.17
1.63	1.14	0.87	1.14	0.97	1.26	1.65	1.57	1.26	1.52	2.81	1.97
2.62	4.56	5.91	7.04	6.58	7.63	9.58	14.5	26.5	10.6	1.62	0.93

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
115	18600	136	1.31	1.19	0.748

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.71	0.39	0.63	-0.10	0.37	0.845

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.91	1.39	1.67	1.80	1.91	1.65	1.25	1.69	1.92	1.35	0.65	0.51
0.84	0.72	0.54	0.37	0.41	0.68	1.29	0.85	1.31	1.36	0.63	0.54
0.92	0.85	0.73	0.61	0.64	0.82	1.14	0.92	1.15	1.17	0.80	0.73
0.34	-0.36	-0.96	-0.78	-1.61	-0.64	0.22	0.15	-0.57	-0.13	0.87	1.23
1.00	0.61	0.44	0.34	0.34	0.50	0.91	0.54	0.60	0.86	1.23	1.43
5.46	8.30	9.99	10.8	11.4	9.87	7.51	10.1	11.5	8.08	3.88	3.07

WALKER LAKE BASIN

10302000 WALKER RIVER AT SCHURZ, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	2530.0	1919	1970.0	1924	301.0	1929	61.0
1915	1180.0	1920	187.0	1925	318.0	1930	61.0
1916	1500.0	1921	640.0	1926	125.0	1931	91.0
1917	1860.0	1922	2050.0	1927	1530.0	1932	1250.0
1918	2100.0	1923	825.0	1928	350.0	1933	139.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7210	2.7210
STANDARD DEVIATION	0.5588	0.5588
SKEW COEFFICIENTS		
STATION	-0.4172	-0.4172
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	20	20
PERIOD (YEARS)	20	20

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	11.6	19.1	11.9	5.1	43.3
0.9900	17.9	26.4	18.2	7.8	56.4
0.9500	55.0	63.4	53.5	24.7	117.7
0.9000	96.5	101.1	89.4	45.1	176.3
0.8000	184.3	178.1	167.3	91.7	293.2
0.5000	575.1	526.0	526.0	321.9	859.5
0.2000	1581.1	1553.3	1654.2	943.8	3018.2
0.1000	2555.7	2735.7	3095.0	1569.2	6141.4
0.0400	4116.8	5002.8	6094.6	2638.9	13396.0
0.0200	5497.1	7388.4	9808.9	3663.4	22343.6
0.0100	7042.5	10492.4	15186.3	4903.2	35526.1

10302010 REESE RIVER CANYON NEAR SCHURZ, NV

LOCATION.--Lat 38°51'00", long 118°46'55", in NE¼NW¼ sec.6, T.11 N., R.29 E., Mineral County, Hydrologic Unit 16050303, on left bank at abandoned culvert on former U.S. Highway 95 and 6 mi (10 km) south of Schurz.

DRAINAGE AREA.--14 mi^2 (36 km^2), approximately.

REMARKS.--No regulation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967	362									2										1															
1968	366																																		
1969	337								7	3	3	3	4	1	3	2	1			1															
1970	360								3		1											1													
1971	361		1				1			1															1										
1972	364																		1	1															
1973	362								1															1						1					
1974	364								1																										
1975	359			2											1			1		1										1					
1976	359								3	1	1														1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3594	3653	100.0	12	0.5	4	25	0.7	24	5	2	5	.1
1	0.01	0	59	1.6	13	0.6	1	21	0.6	25	7	1	3	
2	0.02	1	59	1.6	14	0.7	4	20	0.5	26	8		2	
3	0.03	0	58	1.6	15	0.9	2	16	0.4	27	11		2	
4	0.04	2	58	1.6	16	1.1	1	14	0.4	28	13		2	
5	0.05	0	56	1.5	17	1.3	1	13	0.4	29	16		2	
6	0.07	1	56	1.5	18	1.6	1	12	0.3	30	20	2	2	
7	0.08	0	55	1.5	19	2.0	4	11	0.3	31				
8	0.10	15	55	1.5	20	2.5	0	7	0.2	32				
9	0.20	7	40	1.1	21	3.0	1	7	0.2	33				
10	0.30	5	33	0.9	22	3.7	0	6	0.2	34				
11	0.40	3	28	0.8	23	4.6	1	6	0.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1968	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1969	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2
1970	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3
1971	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4
1972	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.01	8
1973	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.01	9
1974	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	5
1975	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.00	6
1976	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	9	0.00	7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1967	2.0	8	0.7	8	0.3	8	0.1	8	0.1	8	0.0	8	0.0	8	0.0	8	0.0	8
1968	0.0	10	0.0	10	0.0	10	0.0	10	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9
1969	2.4	6	0.9	6	0.7	5	0.5	4	0.3	4	0.2	4	0.1	4	0.1	4	0.1	4
1970	3.3	5	1.1	5	0.5	6	0.2	6	0.1	6	0.1	6	0.0	6	0.0	6	0.0	6
1971	6.9	4	2.3	4	1.0	4	0.5	5	0.2	5	0.1	5	0.1	5	0.1	5	0.0	5
1972	2.1	7	0.7	7	0.3	7	0.1	7	0.1	7	0.0	7	0.0	7	0.0	7	0.0	7
1973	20.0	2	6.7	2	2.9	2	1.3	2	0.7	2	0.3	2	0.2	2	0.2	2	0.1	2
1974	0.1	9	0.0	9	0.0	9	0.0	9	0.0	10	0.0	10	0.0	10	0.0	10	0.0	10
1975	36.0	1	12.0	1	5.1	1	2.4	1	1.2	1	0.6	1	0.4	1	0.3	1	0.2	1
1976	8.6	3	3.0	3	1.3	3	0.6	3	0.3	3	0.3	3	0.2	3	0.1	3	0.1	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.02	0.00	0.01	0.08	0.01	0.04	0.00	0.00	0.04	0.00	0.04	0.13
0.00	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.14
0.05	0.00	0.02	0.20	0.02	0.10	0.00	0.00	0.10	0.00	0.09	0.38
3.00	*****	2.68	3.06	2.95	2.49	3.16	*****	2.55	2.28	1.78	3.14
2.63	*****	2.21	2.60	2.49	2.33	3.16	*****	2.20	2.25	2.11	2.96
4.82	0.00	2.52	21.0	1.83	11.2	0.06	0.00	11.8	0.26	11.7	34.7

10302010 REESE RIVER CANYON NEAR SCHURZ, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.03	0.00	0.04	1.48	1.16	-0.225

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.49	*****	-0.50	-0.26	-0.57	-0.15	-0.26	*****	-0.62	-0.47	-0.13	-0.33
0.78	*****	0.68	0.25	0.92	0.10	0.69	*****	1.10	0.98	0.08	0.56
0.88	*****	0.83	0.50	0.96	0.32	0.83	*****	1.05	0.99	0.28	0.75
-1.73	*****	-1.26	-1.75	-1.33	-2.13	-3.16	*****	-1.94	-1.80	-1.78	-2.20
-1.80	*****	-1.66	-1.93	-1.68	-2.20	-3.16	*****	-1.68	-2.11	-2.11	-2.30
13.0	*****	13.1	6.86	15.1	3.86	6.97	*****	16.5	12.4	3.53	8.61

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-1.63	0.86	0.93	-0.46	-0.57	-0.365

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	60.0	1967	10.0	1971	94.0	1974	5.0
1964	0	1968	0	1972	50.0	1975	410.0
1965	1870.0	1969	30.0	1973	150.0	1976	140.0
1966	0.4	1970	70.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.4778 S	1.6016 S
STANDARD DEVIATION	1.0581 S	0.8270 S
SKEW COEFFICIENTS		
STATION	-0.7078	-0.7078
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8571	0.8571
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	4.4	8.0	0.0	2.3	19.2
0.5000	40.0	40.0	40.0	16.5	96.8
0.2000	242.4	198.5	227.1	83.2	687.3
0.1000	535.3	458.7	595.9	175.1	2118.6
0.0400	1120.7	1120.7	1690.6	371.7	7331.5
0.0200	1709.9	1995.9	3660.1	596.0	16579.8
0.0100	2414.8	3354.2	7864.7	905.7	34764.0

10302500 EAST FORK CARSON RIVER ABOVE SODA SPRINGS RANGER STATION, NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°30', long 119°41', in sec.28, T.8 N., R.21 E., Alpine County, Hydrologic Unit 16050201, 0.5 mi (0.8 km) downstream from Murry Canyon Creek, 2 mi (3 km) southwest of Soda Springs ranger station, and 14 mi (23 km) southeast of Markleeville.

DRAINAGE AREA.--30 mi^2 (78 km^2), approximately.

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947		4	16	13	8	64	22	33	37	24	17	7	12	9	14	7	4	2	10	3	13	20	6	3	5	8	4								
1948			7		27	81	40	35	39	19	7	4	4	3	2	8	7	8	6	6	9	5	6	6	12	21	4								
1949		12	12	31	14	5	33	6	8	5	11	2	2	5	3	3	2	4	3	4	5	6	11	15	9	12	13	3							
1950		7	19	75	30	46	8	31	14	6	6	4	5	7	7	6	5	8	8	2	5	5	12	11	10	8	12	6	2						
1951					31	15	4	16	13	17	38	28	23	16	12	12	10	11	16	11	12	21	6	17	10	8	6	5	1	2		1		1	2

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	29.0	49	647	35.4	24	220	49	156	8.5
1	4.50	23	1826	100.0	13	35.0	38	598	32.7	25	260	58	107	5.8
2	5.30	54	1803	98.7	14	41.0	38	560	30.7	26	310	29	49	2.6
3	6.30	119	1749	95.8	15	48.0	35	522	28.6	27	370	11	20	1.0
4	7.50	241	1630	89.3	16	57.0	30	487	26.7	28	440	3	9	.4
5	8.90	239	1389	76.1	17	68.0	32	457	25.0	29	520	2	6	.3
6	11.00	80	1150	63.0	18	81.0	44	425	23.3	30	620		4	.2
7	12.00	123	1070	58.6	19	96.0	27	381	20.9	31	730	1	4	.2
8	15.00	108	947	51.9	20	110.0	45	354	19.4	32	870		3	.1
9	18.00	77	839	45.9	21	130.0	62	309	16.9	33	1000	1	3	.1
10	21.00	70	762	41.7	22	160.0	45	247	13.5	34	1200	2	2	.1
11	25.00	45	692	37.9	23	190.0	46	202	11.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	5.10	2	5.20	2	5.20	2	5.60	2	6.10	2	7.10	2	9.10	3	9.90	3	10.00	3
1949	6.40	3	6.70	3	7.30	3	7.50	3	7.60	3	7.80	3	7.80	2	7.90	2	8.30	2
1950	4.50	1	4.60	1	4.80	1	5.00	1	5.30	1	6.10	1	6.50	1	7.00	1	6.90	1
1951	7.70	4	7.80	4	7.90	4	7.90	4	8.10	4	9.00	4	11.00	4	14.00	4	70.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	335.0	5	325.0	5	304.0	3	227.0	5	227.0	5	178.0	5	143.0	5	117.0	5	82.0	5
1948	348.0	3	330.0	4	292.0	5	275.0	3	264.0	3	229.0	2	180.0	3	144.0	3	99.0	3
1949	348.0	4	335.0	3	296.0	4	256.0	4	237.0	4	222.0	4	178.0	4	139.0	4	94.0	4
1950	484.0	2	457.0	2	432.0	2	390.0	2	325.0	2	262.0	1	215.0	1	172.0	1	118.0	1
1951	1920.0	1	1420.0	1	835.0	1	446.0	1	328.0	1	227.0	3	189.0	2	157.0	2	112.0	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
10.5	54.2	33.9	13.3	13.9	19.9	89.7	211	214	57.8	13.6	8.00
10.4	9349	2856	77.4	62.7	118	832	417	4309	761	20.1	4.00
3.22	96.7	53.4	8.80	7.92	10.9	28.8	20.4	65.6	27.6	4.49	2.00
0.02	2.23	2.21	1.65	1.45	0.39	-1.26	-1.38	-0.97	-0.43	0.44	-0.49
0.31	1.78	1.58	0.66	0.57	0.55	0.32	0.10	0.31	0.48	0.33	0.25
1.42	7.34	4.59	1.80	1.88	2.69	12.1	28.5	28.9	7.83	1.84	1.08

10302500 EASTFORK CARSON RIVER ABOVE SODA SPRINGS RANGER STATION, NEAR MARKLEEVILLE, CA-CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
61.6	317	17.8	1.66	0.29	0.799

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.00	1.30	1.21	1.06	1.09	1.24	1.93	2.32	2.31	1.71	1.11	0.89
0.02	0.36	0.27	0.06	0.05	0.06	0.03	0.00	0.02	0.06	0.02	0.01
0.14	0.60	0.52	0.25	0.22	0.25	0.17	0.04	0.16	0.24	0.15	0.12
-0.28	2.11	1.90	0.94	0.98	0.03	-1.67	-1.46	-1.37	-0.60	0.04	-0.59
0.14	0.46	0.43	0.24	0.20	0.20	0.09	0.02	0.07	0.14	0.13	0.13
5.85	7.54	7.02	6.17	6.37	7.23	11.2	13.5	13.4	9.97	6.48	5.19

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.01	0.11	1.38	0.06	0.744

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	447.0	1949	480.0	1950	652.0	1951	3570.0
1948	528.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8842	2.8842
STANDARD DEVIATION	0.3787	0.3787
SKEW COEFFICIENTS		
STATION	2.0936	2.0936
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	333.9	88.0	0.0	3.7	228.1
0.9900	334.9	107.4	0.0	5.9	262.6
0.9500	344.4	187.2	106.3	21.0	395.4
0.9000	358.4	253.0	181.5	41.0	502.7
0.8000	392.9	366.2	305.9	90.5	697.2
0.5000	580.5	755.0	755.0	340.6	1648.9
0.2000	1284.7	1588.5	1926.8	834.7	6370.3
0.1000	2368.3	2362.9	3408.8	1185.3	14896.4
0.0400	5351.5	3631.7	7751.6	1659.3	38999.7
0.0200	9946.3	4810.5	15525.1	2039.9	74183.4
0.0100	18519.8	6209.0	********	2446.3	133762.9

10303000 SILVER KING CREEK NEAR COLEVILLE, CA

LOCATION.--Lat 38°31', long 119°36', in sec.30, T.8 N., R.22 E., Alpine County, Hydrologic Unit 16050201, on left bank, 0.2 mi (0.3 km) downstream from Poison Valley, 2.5 mi (4.0 km) east of Soda Springs ranger station, and 6.5 mi (10.5 km) southwest of Coleville.

DRAINAGE AREA.--30 mi^2 (80 km^2), approximately.

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947			19	41	1	24	49	93	11	5	6	6	8	10	15	3	3	3	16	9	7	13	7	4	8	4									
1948			82	35	2	96	26	6	7	5	6	3	3	4	6	5	4	8	8	6	6	17	26	3	2										
1949		123	47	34	9	13	15	9	11	5	3	6	3	4	3	2	2	6	5	3	2	7	13	12	17	9	2								
1950		44	48	33	20	54	24	7	7	5	6	5	3	13	6	3	2	4	7	4	7	7	6	10	16	9	9	6							
1951				3	7	42	20	8	12	12	21	14	16	19	30	15	10	14	14	27	14	10	16	7	12	5	4	4	2		2		2	2	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	29.0	33	636	34.8	24	120	55	116	6.3
1	7.50	167	1826	100.0	13	32.0	50	603	33.0	25	140	27	61	3.3
2	8.50	196	1659	90.9	14	36.0	60	553	30.3	26	160	15	34	1.8
3	9.60	146	1463	80.1	15	41.0	28	493	27.0	27	180	10	19	1.0
4	11.00	39	1317	72.1	16	46.0	21	465	25.5	28	200	2	9	.4
5	12.00	229	1278	70.0	17	52.0	35	444	24.3	29	230		7	.3
6	14.00	134	1049	57.4	18	59.0	50	409	22.4	30	260	2	7	.3
7	16.00	123	915	50.1	19	67.0	49	359	19.7	31	290		5	.2
8	18.00	48	792	43.4	20	76.0	36	310	17.0	32	330	2	5	.2
9	20.00	32	744	40.7	21	85.0	54	274	15.0	33	370	2	3	.1
10	22.00	42	712	39.0	22	96.0	68	220	12.0	34	420	1	1	
11	25.00	34	670	36.7	23	110.0	36	152	8.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	8.50	3	8.50	3	8.60	3	8.70	3	9.00	3	9.70	3	10.00	3	10.00	3	11.00	3
1949	7.50	1	7.50	1	7.50	1	7.50	1	7.50	1	7.80	1	7.80	1	7.90	1	8.70	1
1950	7.50	2	7.60	2	7.70	2	7.90	2	8.10	2	8.30	2	8.60	2	9.00	2	9.50	2
1951	10.00	4	10.00	4	11.00	4	11.00	4	11.00	4	12.00	4	13.00	4	15.00	4	48.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	149.0	4	146.0	4	140.0	4	116.0	4	111.0	4	93.0	5	78.0	5	66.0	4	49.0	4
1948	122.0	5	117.0	5	106.0	5	100.0	5	100.0	5	95.0	4	81.0	4	66.0	5	48.0	5
1949	176.0	3	154.0	3	142.0	3	131.0	3	124.0	3	120.0	2	97.0	2	78.0	3	55.0	3
1950	189.0	2	185.0	2	182.0	2	175.0	2	154.0	2	130.0	1	112.0	1	92.0	1	66.0	2
1951	494.0	1	435.0	1	306.0	1	195.0	1	185.0	1	117.0	3	91.0	3	79.0	2	69.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
12.9	29.7	32.0	16.2	14.4	17.1	58.7	109	95.8	35.6	15.1	10.9
6.07	1578	2344	208	98.1	73.7	253	267	540	120	5.35	3.06
2.46	39.7	48.4	14.4	9.91	8.59	15.9	16.3	23.2	10.9	2.31	1.75
1.26	2.21	2.21	2.13	1.82	0.41	-1.86	-0.47	-0.58	-0.65	0.94	0.58
0.19	1.34	1.51	0.89	0.69	0.50	0.27	0.15	0.24	0.31	0.15	0.16
2.88	6.65	7.17	3.62	3.21	3.82	13.1	24.3	21.4	7.96	3.37	2.43

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37.3	121	11.0	1.82	0.30	0.950

10303000 SILVER KING CREEK NEAR COLEVILLE, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.10	1.25	1.22	1.11	1.09	1.19	1.75	2.03	1.97	1.53	1.17	1.03
0.01	0.18	0.24	0.09	0.06	0.05	0.02	0.00	0.01	0.02	0.00	0.00
0.08	0.43	0.49	0.30	0.25	0.23	0.15	0.07	0.12	0.15	0.06	0.07
0.96	1.99	1.94	1.82	1.34	0.04	-2.03	-0.68	-1.16	-0.68	0.67	0.56
0.07	0.34	0.41	0.27	0.23	0.19	0.08	0.03	0.06	0.10	0.06	0.07
6.71	7.63	7.39	6.75	6.63	7.21	10.6	12.4	12.0	9.31	7.14	6.27

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.56	0.01	0.11	1.61	0.07	0.925

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	172.0	1949	214.0	1950	220.0	1951	748.0
1948	160.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3973	2.3973
STANDARD DEVIATION	0.2730	0.2730
SKEW COEFFICIENTS		
STATION	1.9735	1.9735
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	132.5	52.4	0.0	5.4	104.2
0.9900	133.0	60.6	0.0	7.5	115.4
0.9500	136.7	90.4	60.1	18.7	155.0
0.9000	141.6	112.3	88.4	30.3	184.3
0.8000	152.9	146.7	128.8	53.5	233.3
0.5000	206.2	247.0	247.0	139.2	433.8
0.2000	367.2	422.3	485.4	265.6	1149.2
0.1000	566.9	562.3	732.2	341.9	2120.0
0.0400	1005.1	766.4	1323.9	435.8	4242.6
0.0200	1549.0	938.6	2184.1	505.7	6744.1
0.0100	2386.5	1128.2	********	576.5	10315.4

10304000 WOLF CREEK NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°32', long 119°43', in sec.24, T.8 N., R.20 E., Alpine County, Hydrologic Unit 16050201, on left bank, 0.8 mi (1.3 km) downstream from Bull Canyon Creek, and 12 mi (19 km) southwest of Markleeville.

DRAINAGE AREA.--9.8 mi^2 (25.4 km^2), approximately.

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947		19	15	65	28	27	24	21	31	17	11	7	13	6	5	7	2	5	10	11	13	7	3	4	8	1	5								
1948		7	2	83	62	25	54	5	8	6	4	3	5	10	7	11	3	3	7	7	2	5	6	10	19	10	1	1							
1949		6	24	111	70	22	11	11	8	4	2	1	10	4	3	8	2		7	3	7	12	13	3	14	9									
1950		45	45	33	32	33	22	10	14	7	7	3	7	11	4	6	7	8	4	2	11	6	8	9	11	9	6	5							
1951			3	39	7	12	12	15	15	8	19	19	31	37	9	14	13	8	12	10	21	14	11	7	10	5	4	1	3	1		2	1	1	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	19.0	66	632	34.6	24	110	62	128	7.0
1	4.00	77	1826	100.0	13	22.0	68	566	31.0	25	130	34	66	3.6
2	4.60	89	1749	95.8	14	26.0	28	498	27.3	26	150	16	32	1.7
3	5.30	331	1660	90.9	15	30.0	46	470	25.7	27	170	7	16	.8
4	6.20	199	1329	72.8	16	35.0	27	424	23.2	28	190	3	9	.4
5	7.10	119	1130	61.9	17	40.0	24	397	21.7	29	220	1	6	.3
6	8.20	123	1011	55.4	18	46.0	40	373	20.4	30	260		5	.2
7	9.50	62	888	48.6	19	53.0	33	333	18.2	31	300	2	5	.2
8	11.00	76	826	45.2	20	61.0	54	300	16.4	32	340	1	3	.1
9	13.00	42	750	41.1	21	71.0	44	246	13.5	33	400	1	2	.1
10	15.00	43	708	38.8	22	82.0	41	202	11.1	34	460	1	1	
11	17.00	33	665	36.4	23	94.0	33	161	8.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	4.10	2	4.10	2	4.20	2	4.30	2	4.50	2	4.90	2	6.00	2	6.70	3	7.10	3
1949	5.20	3	5.30	3	5.40	3	5.60	3	5.80	3	6.00	3	6.10	3	6.20	2	6.30	2
1950	4.00	1	4.00	1	4.10	1	4.10	1	4.40	1	4.50	1	4.90	1	5.10	1	5.20	1
1951	5.40	4	5.50	4	5.60	4	5.60	4	5.80	4	6.40	4	7.60	4	9.30	4	38.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	164.0	4	159.0	3	148.0	3	110.0	4	105.0	5	82.0	5	65.0	5	53.0	5	38.0	5
1948	170.0	3	156.0	4	136.0	4	125.0	3	120.0	3	106.0	2	83.0	2	67.0	2	46.0	3
1949	149.0	5	143.0	5	126.0	5	108.0	5	106.0	4	96.0	4	75.0	3	59.0	4	41.0	4
1950	186.0	2	184.0	2	175.0	2	164.0	2	138.0	2	113.0	1	92.0	1	75.0	1	52.0	2
1951	827.0	1	553.0	1	355.0	1	208.0	1	167.0	1	97.0	3	75.0	4	62.0	3	54.0	1

DISCHARGE, IN CUBIC FEET PER SECOND

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.55	27.5	21.3	9.49	9.53	11.3	36.6	95.1	88.7	26.8	8.18	5.63
2.77	1943	1084	60.1	37.6	27.6	128	61.6	828	138	2.89	0.86
1.66	44.1	32.9	7.76	6.13	5.25	11.3	7.85	28.8	11.8	1.70	0.93
0.10	2.23	2.23	2.05	1.89	0.50	-1.40	-0.35	-0.32	0.08	-0.81	-0.13
0.22	1.60	1.55	0.82	0.64	0.46	0.31	0.08	0.32	0.44	0.21	0.16
2.17	7.90	6.12	2.73	2.74	3.26	10.5	27.3	25.5	7.70	2.35	1.62

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
29.0	66.0	8.12	1.74	0.28	0.669

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.87	1.11	1.03	0.89	0.92	1.02	1.54	1.98	1.93	1.39	0.90	0.75
0.01	0.27	0.25	0.08	0.05	0.04	0.03	0.00	0.02	0.04	0.01	0.01
0.10	0.52	0.50	0.28	0.23	0.21	0.17	0.04	0.16	0.21	0.10	0.07
-0.04	2.13	2.05	1.59	1.48	0.12	-1.85	-0.34	-0.84	-0.26	-0.91	-0.29
0.11	0.46	0.49	0.32	0.25	0.20	0.11	0.02	0.08	0.15	0.11	0.10
6.07	7.77	7.17	6.22	6.44	7.09	10.8	13.8	13.5	9.71	6.32	5.21

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.45	0.01	0.11	1.47	0.08	0.600

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	218.0	1949	192.0	1950	224.0	1951	1480.0
1948	224.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.4985	2.4985
STANDARD DEVIATION	0.3765	0.3765
SKEW COEFFICIENTS		
STATION	2.2052	2.2052
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	143.7	36.6	0.0	1.6	94.5
0.9900	144.0	44.7	0.0	2.5	108.7
0.9500	147.0	77.6	44.2	8.8	163.3
0.9000	151.7	104.7	75.3	17.2	207.3
0.8000	164.3	151.3	126.5	37.7	287.0
0.5000	236.6	310.6	310.6	140.8	675.4
0.2000	517.9	650.8	788.5	343.3	2589.0
0.1000	959.0	965.9	1390.4	486.4	6024.6
0.0400	2197.9	1480.8	3146.9	679.6	15685.6
0.0200	4144.6	1958.3	6277.4	834.5	29726.1
0.0100	7847.1	2523.8	********	999.7	53418.4

10304500 SILVER CREEK BELOW PENNSYLVANIA CREEK, NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°36'00", long 119°46'30", in SE¼NE¼ sec.28, T.9 N., R.20 E., Alpine County, Hydrologic Unit 16050201, on left bank, 0.2 mi (0.3 km) downstream from Pennsylvania Creek, 4 mi (6 km) upstream from mouth, and 6.5 mi (10.5 km) south of Markleeville.

DRAINAGE AREA.--19.6 mi^2 (50.8 km^2).

REMARKS.--Flow partly regulated by three small reservoirs, total capacity about 1,700 acre-ft (2.10 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947						23	23	11	3	59	51	15	9	21	15	3	17	12	28	6	3	9	12	10	11	7	8	3	6						
1948						5	2	13	34	80	42	30	10	8	12	12	10	8	10	7	9	6	12	3	7	14	15	10	6	1					
1949					1	25	31	21	25	19	8	3	3	5	6	4	6	6	13	10	4	6	5	3	9	21	12	12	6	1					
1950			1		1	16	30	38	26	16	18	16	7	13	16	19	18	8	17	13	13	6	7	2	12	13	12	12	12	3					
1951							22		3	9	3	10	3	12	41	22	34	27	34	18	13	19	19	23	17	10	8	5	4	4	1	2	1		1
1952			1	1	1		7	11	10	40	46	49	13	5	8	1	9	15	16	10	6	9	3	10	9	13	12	23	18	7	12	1			
1953		1		1		1	9	9	16	49	7	12	14	46	25	9	11	14	25	18	4	6	7	15	16	18	20	8	4						
1954				13	4	5	32	28	27	38	22	11	9	9	13	10	13	15	7	12	8	23	14	6	8	7	14	7	10						
1955				1	5	15	34	13	67	18	34	7	3	9	26	11	26	14	17	8	4	4	3	8	9	10	7	9	3						
1956					1	14	27	6	7	9	11	3		20	47	21	20	16	21	11	11	16	14	8	13	8	10	14	11	15	10		1	1	
1957					4	4	3	22	28	33	20	22	7	23	24	21	12	17	22	13	10	9	9	10	13	15	6	7	6	5					
1958							1	21	66	34	17	37	8	15	12	6	9	11	13	10	13	8	6	4	12	7	12	13	24	4	2				
1959					4	5	10	11	50	37	20	20	9	14	22	19	18	18	7	12	5	13	29	26	9	3	4								
1960				6	17	65	34	26	13	10	11	8	10	10	12	11	17	21	9	12	9	12	15	12	14	4	6	1	1						
1961					1	5	37	14	56	45	11	26	19	6	17	16	7	7	4	15	15	16	16	13	10	4	5								
1962					1	5	46	32	35	8	20	19	14	9	8	10	12	9	8	14	16	6	4	19	14	10	14	12	18	2					
1963							2	34	27	29	21	11	6	12	6	13	19	21	36	20	22	5	9	14	7	9	13	8	19				1	1	
1964						8	7	3	13		6	33	54	8	39	21	36	31	9	13	12	10	12	9	17	8	10	6	1						
1965						1	4	28	21	1	5	8	13	8	3	26	33	51	25	16	9	7	6	13	6	13	22	14	10	13	7			1	1
1966					4	13	5	3	2	6	22	44	47	13	23	13	25	30	19	9	8	13	9	11	9	16	18	3							
1967						3	39	3	6	4	1	5	35	9	31	42	21	20	19	20	8	6	11	8	4	7	8	8	4	13	6	19	5			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	9.1	169	4471	58.3	24	100	208	1075	14.0
1	1.00	1	7670	100.0	13	11.0	353	4302	56.1	25	120	239	867	11.3
2	1.20	8	7669	100.0	14	14.0	409	3949	51.5	26	150	193	628	8.1
3	1.50	43	7661	99.9	15	17.0	321	3540	46.2	27	180	165	435	5.6
4	1.80	122	7618	99.3	16	20.0	391	3219	42.0	28	220	157	270	3.5
5	2.20	290	7496	97.7	17	25.0	284	2828	36.9	29	270	53	113	1.4
6	2.70	343	7206	94.0	18	30.0	370	2544	33.2	30	330	44	60	.7
7	3.30	523	6863	89.5	19	37.0	238	2174	28.3	31	410	8	16	.2
8	4.10	450	6340	82.7	20	45.0	203	1936	25.2	32	500	3	8	.1
9	5.00	529	5890	76.8	21	55.0	228	1733	22.6	33	610	3	5	
10	6.10	463	5361	69.9	22	67.0	231	1505	19.6	34	740	2	2	
11	7.40	427	4898	63.9	23	82.0	199	1274	16.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1948	2.40 14	2.40 13	2.50 10	2.50 9	2.60 7	2.80 7	4.70 11	5.00 10	5.70 7
1949	2.80 15	3.00 15	3.10 15	3.20 14	3.30 13	3.50 10	3.60 7	3.60 5	3.80 2
1950	1.40 4	1.90 9	2.30 8	2.40 8	2.40 4	2.60 4	2.80 4	3.30 4	4.20 4
1951	3.00 17	3.00 16	3.10 16	3.10 13	3.20 12	6.10 18	11.00 20	14.00 20	46.00 20
1952	1.30 3	1.70 5	2.90 13	3.40 15	4.30 18	4.80 15	5.30 16	5.50 11	6.90 9
1953	1.00 1	1.70 6	3.10 14	3.60 16	3.90 15	4.60 14	4.90 14	7.80 17	9.70 13
1954	1.50 5	1.50 2	1.50 2	1.50 1	3.10 10	4.40 12	4.80 12	4.50 7	8.00 11
1955	1.60 8	1.80 7	1.90 5	2.20 5	2.60 8	2.70 5	3.30 5	3.70 6	4.20 5
1956	1.80 10	2.10 12	2.60 11	2.70 10	2.80 9	3.00 8	3.80 10	6.20 12	14.00 19
1957	3.60 19	3.90 19	3.90 19	4.00 19	4.10 16	4.90 16	5.50 17	6.30 13	11.00 14
1958	1.90 11	2.00 10	2.30 9	2.90 11	3.50 14	4.40 13	4.80 13	4.90 8	5.90 8
1959	2.20 13	2.80 14	2.90 12	3.00 12	3.20 11	3.60 11	3.70 8	5.00 9	7.30 10
1960	1.30 2	1.30 1	1.40 1	1.60 2	1.70 1	1.90 1	2.00 1	2.20 1	3.60 1
1961	1.50 6	1.60 3	1.70 3	1.70 3	1.90 2	2.20 2	2.60 2	3.10 2	3.90 3
1962	1.50 7	1.90 8	2.10 6	2.30 7	2.50 5	2.70 6	2.80 3	3.10 3	4.40 6
1963	2.80 16	3.20 17	3.50 17	3.60 17	4.20 17	5.30 17	5.30 15	6.40 14	11.00 15
1964	3.40 18	3.60 18	3.70 18	3.90 18	5.40 19	7.50 20	8.40 19	9.80 19	11.00 16
1965	2.10 12	2.10 11	2.10 7	2.20 6	2.50 6	3.00 9	3.70 9	6.60 15	13.00 18
1966	4.50 20	4.70 20	4.80 20	5.00 20	5.80 20	7.00 19	7.60 18	8.00 18	11.00 17
1967	1.70 9	1.70 4	1.80 4	2.00 4	2.30 3	2.30 3	3.40 6	7.30 16	9.30 12

10304500 SILVER CREEK BELOW PENNSYLVANIA CREEK, NEAR MARKLEEVILLE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1947	268.0 12	259.0 10	237.0 11	174.0 16	163.0 16	124.0 15	95.0 15	78.0 15	57.0 15
1948	274.0 11	249.0 13	214.0 14	193.0 12	182.0 11	156.0 10	123.0 12	96.0 13	68.0 14
1949	284.0 9	247.0 14	222.0 13	192.0 13	178.0 13	163.0 8	127.0 10	102.0 11	69.0 12
1950	281.0 10	277.0 9	260.0 9	244.0 7	212.0 6	167.0 7	142.0 6	115.0 6	83.0 7
1951	742.0 2	549.0 2	400.0 1	223.0 10	193.0 9	118.0 16	103.0 14	85.0 14	68.0 13
1952	412.0 6	397.0 6	372.0 3	361.0 2	312.0 2	260.0 2	224.0 1	187.0 1	133.0 1
1953	264.0 13	251.0 12	232.0 12	202.0 11	180.0 12	146.0 13	133.0 8	109.0 8	79.0 8
1954	264.0 14	257.0 11	239.0 10	230.0 9	191.0 10	148.0 11	117.0 13	98.0 12	72.0 11
1955	236.0 15	227.0 15	211.0 15	181.0 15	167.0 15	125.0 14	93.0 16	75.0 16	55.0 16
1956	611.0 4	450.0 4	342.0 5	333.0 3	309.0 3	239.0 3	202.0 3	166.0 3	117.0 3
1957	308.0 8	307.0 8	293.0 6	251.0 6	199.0 8	157.0 9	124.0 11	103.0 10	74.0 10
1958	352.0 7	326.0 7	293.0 7	274.0 4	244.0 4	215.0 4	174.0 4	139.0 4	99.0 4
1959	141.0 20	136.0 20	118.0 21	94.0 21	83.0 21	77.0 19	69.0 19	57.0 19	43.0 19
1960	187.0 17	170.0 18	148.0 19	119.0 19	100.0 19	77.0 20	68.0 20	54.0 20	41.0 20
1961	136.0 21	130.0 21	126.0 20	108.0 20	90.0 20	72.0 21	62.0 21	50.0 21	37.0 21
1962	224.0 16	217.0 16	202.0 16	189.0 14	175.0 14	146.0 12	130.0 9	106.0 9	76.0 9
1963	739.0 3	481.0 3	272.0 8	236.0 8	211.0 7	171.0 6	135.0 7	110.0 7	90.0 6
1964	185.0 18	173.0 17	160.0 17	149.0 17	128.0 17	98.0 18	81.0 18	65.0 18	49.0 18
1965	986.0 1	658.0 1	357.0 4	256.0 5	224.0 5	182.0 5	158.0 5	129.0 5	92.0 5
1966	153.0 19	149.0 19	148.0 18	137.0 18	127.0 18	105.0 17	86.0 17	69.0 17	52.0 17
1967	433.0 5	427.0 5	391.0 2	377.0 1	329.0 1	284.0 1	216.0 2	170.0 2	121.0 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
5.81	11.2	17.7	10.1	13.6	16.8	63.6	148	141	50.9	19.5	13.3
18.9	592	854	78.0	232	55.7	544	2225	5755	1560	50.9	99.0
4.35	24.3	29.2	8.83	15.2	7.46	23.3	47.2	75.9	39.5	7.13	9.95
1.92	4.37	2.31	1.57	3.74	0.27	-0.41	0.50	0.37	1.75	0.28	0.55
0.75	2.17	1.65	0.88	1.12	0.45	0.37	0.32	0.54	0.78	0.37	0.75
1.14	2.20	3.46	1.97	2.66	3.28	12.4	29.0	27.5	9.95	3.81	2.61

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
42.7	230	15.2	0.44	0.36	0.002

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.68	0.78	0.91	0.87	1.02	1.18	1.77	2.15	2.08	1.61	1.25	0.98
0.07	0.13	0.23	0.11	0.08	0.05	0.04	0.02	0.07	0.09	0.04	0.15
0.26	0.36	0.48	0.33	0.28	0.22	0.20	0.14	0.27	0.29	0.21	0.39
0.88	2.43	1.36	0.56	1.45	-0.55	-1.26	-0.17	-0.39	0.48	-2.07	-0.26
0.38	0.47	0.52	0.38	0.28	0.19	0.11	0.07	0.13	0.18	0.17	0.39
4.45	5.10	5.98	5.72	6.65	7.71	11.6	14.1	13.6	10.5	8.21	6.43

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.60	0.03	0.16	-0.14	0.10	0.109

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	365.0	1954	347.0	1961	249.0	1968	200.0
1948	411.0	1955	426.0	1962	338.0	1969	600.0
1949	358.0	1956	1520.0	1963	2220.0	1970	510.0
1950	390.0	1957	432.0	1964	327.0	1971	300.0
1951	1260.0	1958	490.0	1965	1600.0	1972	280.0
1952	556.0	1959	207.0	1966	194.0	1973	530.0
1953	343.0	1960	269.0	1967	620.0		

10304500 SILVER CREEK BELOW PENNSYLVANIA CREEK, NEAR MARKLEEVILLE, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6530	2.6530
STANDARD DEVIATION	0.2747	0.2747
SKEW COEFFICIENTS		
STATION	1.1253	1.1253
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1273 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	27	27
PERIOD (YEARS)	27	27

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	167.6	95.1	81.8	57.0	133.8
0.9900	174.1	109.6	97.2	68.2	150.8
0.9500	201.3	162.6	153.9	111.7	211.7
0.9000	224.0	201.8	193.4	145.6	256.0
0.8000	263.2	263.2	257.5	200.4	325.7
0.5000	400.4	443.8	443.8	361.0	544.7
0.2000	719.3	762.7	781.0	616.5	999.9
0.1000	1050.5	1020.0	1069.8	802.5	1418.5
0.0400	1667.5	1398.9	1513.3	1057.7	2095.6
0.0200	2323.0	1721.1	1933.8	1263.4	2716.9
0.0100	3201.9	2078.4	2407.2	1482.6	3446.9

10306000 HOT SPRINGS CREEK NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°42', long 119°51', in SE¼NE¼ sec.23, T.10 N., R.19 E., Alpine County, Hydrologic Unit 16050201, on right bank 0.5 mi (0.8 km) upstream from Buck Creek, 4 mi (6 km) upstream from mouth, and 4 mi (6 km) west of Markleeville.

DRAINAGE AREA.--14 mi^2 (36 km^2), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947			11	37	19	7	1	11	35	11	3	38	26	9	28	20	6	18	19	6	7	5	10	7	9	14	2		6						
1948				2	36	17	10	5	14	46	24	32	41	16	11	12	4	5	9	3	4	10	11	11	10	5	12	9	6	1					
1949			6	5	42	24	24	42	60	9	12	14	5	18	9	3	2	7	4	4	6	6	4	7	12	9	17	11	2	1					
1950		3	1	5	32	35	11	9	55	14	5	2	4	9	17	29	12	13	8	12	9	4	11	8	5	18	10	7	14	3					
1951						41	25	9	6	4	5	9	4	10	11	9	5	32	33	37	15	14	28	18	21	8	9	4	1	1	1	1	2	2	
1952						7	14	6	8	26	15	41	37	6	54	10	1	3	7	8	13	11	6	11	4	21	9	14	11	7	15	1			
1953							15	8	9	33	54	31	4	5	37	34	8	12	6	8	9	11	10	15	17	14	17	6	2						
1954					30	16	22	11	7	46	54	13	13	5	5	12	5	13	20	20	16	7	8	5	7	1	15	13	1						
1955			4	14	50	19	5	9	19	3	71	16	25	10	6	12	10	4	19	15	4	2	5	8	2	12	8	8	5						
1956					37	7	3	1	16	21	17	12	3	3	9	5	17	22	18	18	22	22	17	14	5	18	18	9	14	10	6	1	1		
1957					7	34	4	5	5	16	11	43	49	23	13	3	3	22	27	10	7	12	12	9	6	18	8	5	10	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	3.6	211	2235	55.6	24	66	98	575	14.3
1	0.10	3	4018	100.0	13	4.6	114	2024	50.4	25	84	138	477	11.8
2	0.30	22	4015	99.9	14	5.9	200	1910	47.5	26	110	125	339	8.4
3	0.40	63	3993	99.4	15	7.5	149	1710	42.6	27	140	86	214	5.3
4	0.50	253	3930	97.8	16	9.6	73	1561	38.9	28	170	72	128	3.1
5	0.70	207	3677	91.5	17	12.0	151	1488	37.0	29	220	26	56	1.3
6	0.90	134	3470	86.4	18	15.0	170	1337	33.3	30	280	22	30	.7
7	1.10	116	3336	83.0	19	20.0	141	1167	29.0	31	360	3	8	.1
8	1.40	234	3220	80.1	20	25.0	112	1026	25.5	32	460	3	5	.1
9	1.80	229	2986	74.3	21	32.0	104	914	22.7	33	580	2	2	
10	2.20	271	2757	68.6	22	41.0	122	810	20.2	34				
11	2.90	251	2486	61.9	23	52.0	113	688	17.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	0.30	3	0.30	3	0.30	1	0.34	1	0.37	1	0.40	1	0.53	1	1.20	6	1.50	4
1949	0.51	4	0.50	4	0.50	4	0.51	5	0.55	5	0.60	5	0.71	5	0.94	4	1.10	1
1950	0.20	1	0.20	1	0.30	2	0.39	3	0.48	3	0.49	2	0.59	3	0.84	3	1.20	2
1951	0.51	5	0.50	5	0.54	6	0.58	6	0.64	6	0.72	6	1.30	7	2.60	8	35.00	10
1952	0.70	7	0.77	7	0.80	7	0.80	7	0.80	7	0.85	7	0.92	6	1.20	5	1.90	5
1953	1.90	10	2.00	10	2.00	10	2.00	10	2.10	10	2.20	9	2.40	9	2.60	9	4.30	9
1954	0.90	8	0.90	8	0.91	8	0.96	8	1.00	8	1.30	8	1.60	8	1.70	7	2.10	6
1955	0.51	6	0.50	6	0.50	5	0.50	4	0.50	4	0.54	3	0.60	4	0.81	1	1.30	3
1956	0.30	2	0.30	2	0.34	3	0.37	2	0.47	2	0.55	4	0.58	2	0.84	2	3.80	8
1957	1.70	9	1.70	9	1.80	9	1.90	9	2.00	9	2.30	10	3.00	10	3.20	10	3.60	7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	209.0	8	207.0	7	190.0	6	137.0	11	108.0	11	78.0	11	57.0	11	45.0	11	31.0	11
1948	245.0	5	219.0	5	172.0	8	154.0	6	143.0	6	107.0	6	81.0	7	63.0	6	42.0	7
1949	252.0	4	201.0	8	177.0	7	142.0	9	133.0	7	111.0	5	82.0	6	63.0	7	42.0	8
1950	225.0	7	215.0	6	212.0	4	202.0	4	170.0	4	131.0	3	103.0	3	82.0	3	57.0	3
1951	1100.0	1	750.0	1	435.0	1	230.0	3	188.0	3	105.0	7	76.0	8	61.0	8	57.0	4
1952	390.0	3	353.0	2	335.0	2	321.0	1	271.0	1	208.0	1	167.0	1	134.0	1	92.0	1
1953	182.0	11	171.0	11	149.0	11	139.0	10	116.0	10	98.0	8	84.0	5	69.0	5	48.0	6
1954	203.0	9	177.0	10	156.0	10	151.0	7	128.0	8	92.0	9	69.0	9	57.0	9	39.0	9
1955	196.0	10	191.0	9	160.0	9	143.0	8	128.0	9	91.0	10	66.0	10	52.0	10	35.0	10
1956	535.0	2	347.0	3	309.0	3	278.0	2	233.0	2	181.0	2	146.0	2	120.0	2	85.0	2
1957	231.0	6	226.0	4	207.0	5	184.0	5	148.0	5	118.0	4	91.0	4	73.0	4	51.0	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.62	12.6	14.3	7.70	7.91	11.8	50.1	126	89.2	18.0	2.63	1.01
0.99	1175	742	77.7	22.8	41.2	299	1931	3056	382	12.9	0.72
0.99	34.3	27.2	8.82	4.78	6.42	17.3	43.9	55.3	19.5	3.59	0.85
0.47	3.31	2.35	2.19	0.87	0.39	-0.83	1.12	0.55	1.75	2.23	1.98
0.61	2.71	1.90	1.15	0.60	0.54	0.35	0.35	0.62	1.08	1.37	0.84
0.47	3.69	4.18	2.24	2.31	3.44	14.6	36.7	26.0	5.25	0.77	0.29

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
28.6	126	11.2	1.08	0.39	0.056

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.13	0.48	0.66	0.70	0.82	1.01	1.67	2.08	1.86	1.04	0.17	-0.09
0.09	0.30	0.35	0.15	0.08	0.07	0.04	0.02	0.10	0.22	0.19	0.08
0.29	0.55	0.59	0.39	0.29	0.26	0.20	0.14	0.32	0.47	0.44	0.28
-0.11	2.76	1.61	0.86	-0.43	-0.31	-1.55	0.46	-0.50	0.06	1.21	1.22
2.32	1.14	0.90	0.55	0.35	0.26	0.12	0.07	0.17	0.45	2.59	-2.99
1.20	4.61	6.26	6.69	7.80	9.56	15.8	19.8	17.7	9.87	1.62	-0.89

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.43	0.02	0.16	0.64	0.11	0.139

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	316.0	1950	338.0	1953	255.0	1956	900.0
1948	399.0	1951	1740.0	1954	302.0	1957	341.0
1949	318.0	1952	513.0	1955	297.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6299	2.6299
STANDARD DEVIATION	0.2520	0.2520
SKEW COEFFICIENTS		
STATION	1.8144	1.8144
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	226.6	106.7	75.0	44.1	167.1
0.9900	227.9	120.5	91.8	53.2	183.8
0.9500	236.7	169.9	148.9	89.3	242.3
0.9000	247.0	205.5	187.5	118.2	284.2
0.8000	268.5	260.4	248.0	165.9	350.4
0.5000	361.8	418.3	418.3	306.0	568.4
0.2000	618.7	690.6	730.7	513.7	1079.4
0.1000	915.7	907.5	1014.6	653.8	1595.3
0.0400	1524.8	1224.6	1476.6	837.4	2491.1
0.0200	2233.8	1493.3	1991.5	980.9	3364.9
0.0100	3264.8	1790.7	2632.8	1130.6	4442.9

10307000 PLEASANT VALLEY CREEK ABOVE RAYMOND CANYON CREEK, NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°39', long 119°50', in SE¼ sec.12, T.9 N., R.19 E., 1.2 mi (1.9 km) upstream from Raymond Canyon Creek, 4.5 mi (7.2 km) above mouth, and 5 mi (8 km) southwest of Markleeville.

DRAINAGE AREA.--16 mi^2 (41 km^2), approximately.

REMARKS.--Flow partly regulated by four small reservoirs, total capacity about 850 acre-ft (1.05 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	3
YEAR													NUMBER OF DAYS IN CLASS																						
1947			8	7	5	15	9	11	35	8	7	5	46	25	15	9	13	19	12	8	10	10	14	13	8	8	2	8	4	9	12	3	2	5	
1948				6	1	22	9	15	9	26	29	22	35	30	16	12	15	4	8	4	9	12	4	4	7	3	15	10	7	7	15	5	4	1	
1949			1	1	10	28	76	45	14	20	16	12	9	8	5	9	8	5	8	10	2	5	2	4	2	2	6	3	11	13	16	8	6		
1950				1	37	25	37	20	11	7	1	4	7	21	13	21	20	7	17	6	4	8	7	11	5	5	9	3	6	11	13	8	10	10	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	3.8	76	800	54.8	24	45	22	274	18.7
1	0.30	8	1461	100.0	13	4.7	74	724	49.6	25	55	12	252	17.2
2	0.50	8	1453	99.5	14	5.7	43	650	44.5	26	67	38	240	16.4
3	0.60	13	1445	98.9	15	7.1	55	607	41.5	27	83	20	202	13.8
4	0.70	63	1432	98.0	16	8.7	62	552	37.8	28	100	33	182	12.4
5	0.90	84	1369	93.7	17	11.0	28	490	33.5	29	120	43	149	10.1
6	1.10	133	1285	88.0	18	13.0	41	462	31.6	30	150	47	106	7.2
7	1.40	115	1152	78.9	19	16.0	30	421	28.8	31	190	23	59	4.0
8	1.70	42	1037	71.0	20	20.0	25	391	26.8	32	230	25	36	2.4
9	2.10	60	995	68.1	21	24.0	39	366	25.1	33	280	11	11	.7
10	2.50	51	935	64.0	22	30.0	26	327	22.4	34	350			
11	3.10	84	884	60.5	23	36.0	27	301	20.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	0.40	1	0.40	1	0.43	1	0.44	1	0.57	1	1.60	3	2.20	3	2.30	3	3.40	3
1949	0.80	3	0.87	3	0.91	3	0.94	3	0.99	3	1.00	2	1.20	2	1.20	2	1.30	1
1950	0.51	2	0.60	2	0.66	2	0.68	2	0.75	2	0.81	1	1.00	1	1.10	1	2.80	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	261.0	4	258.0	4	236.0	3	172.0	4	143.0	4	107.0	4	80.0	4	64.0	4	45.0	4
1948	303.0	2	266.0	2	206.0	4	184.0	3	174.0	3	136.0	3	106.0	3	84.0	3	57.0	3
1949	269.0	3	258.0	3	240.0	2	195.0	2	180.0	2	154.0	2	113.0	2	87.0	2	59.0	2
1950	326.0	1	307.0	1	295.0	1	285.0	1	243.0	1	186.0	1	148.0	1	117.0	1	80.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.75	16.7	13.9	4.03	4.95	10.2	72.6	163	90.9	12.6	9.39	2.65
0.87	1033	667	6.71	6.30	62.4	553	893	2961	76.8	5.47	4.61
0.93	32.1	25.8	2.59	2.51	7.90	23.5	29.9	54.4	8.76	2.34	2.15
0.44	2.23	2.22	0.82	-0.77	0.96	-1.09	0.34	-0.38	0.25	-0.69	-0.04
0.53	1.93	1.86	0.64	0.51	0.78	0.32	0.18	0.60	0.69	0.25	0.81
0.43	4.15	3.45	1.00	1.23	2.53	18.0	40.4	22.6	3.14	2.33	0.66

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.4	52.6	7.25	0.92	0.23	0.474

10307000 PLEASANT VALLEY CREEK ABOVE RAYMOND CANYON CREEK, NEAR MARKLEEVILLE, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.19	0.64	0.60	0.53	0.63	0.90	1.84	2.21	1.88	1.01	0.96	0.27
0.06	0.51	0.49	0.10	0.08	0.13	0.03	0.01	0.12	0.12	0.01	0.21
0.24	0.71	0.70	0.32	0.29	0.37	0.16	0.08	0.34	0.35	0.12	0.46
-0.03	1.89	1.67	-0.63	-1.37	0.04	-1.40	0.23	-1.09	-0.22	-0.97	-0.27
1.29	1.12	1.16	0.60	0.45	0.41	0.09	0.04	0.18	0.35	0.12	1.69
1.63	5.48	5.15	4.53	5.45	7.71	15.8	18.9	16.1	8.63	8.26	2.32

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.49	0.01	0.10	0.48	0.07	0.474

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	402.0	1948	495.0	1949	389.0	1950	475.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6414	2.6414
STANDARD DEVIATION	0.0520	0.0520
SKEW COEFFICIENTS		
STATION	0.0369	0.0369
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	4	4
PERIOD (YEARS)	4	4

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	323.1	329.0	0.0	179.0	378.2
0.9900	332.6	337.4	0.0	192.8	384.7
0.9500	360.1	362.2	326.6	237.2	404.9
0.9000	375.8	376.7	354.7	265.2	417.7
0.8000	395.8	395.5	383.6	303.3	436.5
0.5000	437.6	436.2	436.2	380.6	496.5
0.2000	484.2	483.7	501.1	438.3	628.3
0.1000	510.7	511.7	551.0	461.0	733.4
0.0400	540.8	544.3	640.3	483.4	876.1
0.0200	561.2	567.0	********	497.6	987.8
0.0100	580.4	588.7	********	510.5	1103.6

10308100 MILLBERRY CREEK AT MARKLEEVILLE, CA

LOCATION.--Lat 38°42'00", long 119° 47'00", in SW¼NE¼ sec.21, T.10 N., R.20 E., Alpine County, Hydrologic Unit 16050201, at culvert on State Highway 89 and 4, 0.4 mi (0.6 km) northwest of Markleeville.

DRAINAGE AREA.--5.10 mi² (13.21 km²).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	291.0	1966	16.0	1969	168.0	1972	0.7
1964	1.0	1967	156.0	1970	146.0	1973	1.0
1965	81.0	1968	19.0	1971	48.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3604	1.3604
STANDARD DEVIATION	0.9868	0.9868
SKEW COEFFICIENTS		
STATION	-0.6657	-0.6657
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	0.0	0.1	0.0	0.0	0.6
0.9900	0.0	0.2	0.1	0.0	0.9
0.9500	0.4	0.6	0.4	0.1	2.5
0.9000	1.1	1.3	0.9	0.2	4.7
0.8000	3.8	3.3	2.7	0.6	10.6
0.5000	29.5	21.3	21.3	6.3	70.6
0.2000	160.8	151.3	188.8	47.5	869.5
0.1000	342.0	440.8	682.5	122.1	4013.2
0.0400	696.3	1425.4	2965.1	321.9	22977.3
0.0200	1049.6	3098.9	9565.0	597.7	74574.1
0.0100	1471.5	6309.4	28533.8	1042.7	221367.8

10308200 EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK, NEAR MARKLEEVILLE, CA

LOCATION.--Lat 38°42'50", long 119°45'50", in SW¼NE¼ sec.15, T.10 N., R.20 E., Alpine County, Hydrologic Unit 16050201, on right bank 0.5 mi (0.8 km) downstream from Markleeville Creek and 1.5 mi (2.4 km) north-northeast of Markleeville.

DRAINAGE AREA.--276 mi^2 (715 km^2).

REMARKS.--A few small diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft (6.16 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1961			10	15	41	23	62	32	36	23	11	19	3	5	3	8	12	14	21	9	11	6	1												
1962			2	24	26	38	24	30	12	28	27	18	4	11	7	5	8	4	4	8	16	11	14	19	17	3	5						1		1
1963		1	1	2	2	4	28	46	24	9	12	32	7	27	27	13	17	17	9	7	10	14	7	16	9	6	13	3							
1964					16	3	8	22	32	44	59	38	21	26	8	5	13	11	13	5	11	8	9	12	2										
1965				1	28	15	9	11	7	5	4	5	7	26	41	40	33	12	13	5	15	7	19	24	10	8	15	3					1	1	
1966					11	7	8	8	36	24	63	65	22	12	9	10	7	14	5	11	10	18	16	9											
1967					5	40	3	3	4	8	19	32	24	41	13	19	36	13	12	7	9	5	5	8	4	7	3	17	18	6	4				
1968						10	17	12	47	39	45	41	8	18	17	9	16	14	10	22	9	16	9	7											
1969							11	12	21	12	35	37	25	35	25	11	7	4	6	6	8	15	16	15	5	18	7	2	10	18	4				
1970							6	17	10	14	34	52	16	15	21	25	32	27	18	12	8	12	13	4	13	9	6	1							
1971							10	28	17	23	16	48	31	29	20	11	8	15	23	15	13	9	10	10	11	10	8								
1972						5	13	23	47	53	38	25	14	15	4	10	20	16	20	12	8	15	10	11	4	3									
1973						1	5	32	35	18	54	62	29	21	10	5	4	6	11	8	10	5	5	7	7	10	9	8	2	1					
1974						1	6	29	11	4	11	37	23	38	29	18	20	25	15	11	16	10	11	9	7	9	17	7	1						
1975							2	39	60	35	21	38	23	32	14	3	7	8	10	4	5	10	9	8	5		11	13	8						
1976			1	6	16	15	10	30	61	33	48	36	34	23	6	6	9	9	6	9	7	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	150.0	291	2964	50.7	24	1200	94	401	6.8
1	22.00	1	5844	100.0	13	170.0	374	2673	45.7	25	1400	83	307	5.2
2	26.00	14	5843	100.0	14	210.0	254	2299	39.3	26	1600	94	224	3.8
3	31.00	48	5829	99.7	15	250.0	198	2045	35.0	27	1900	54	130	2.2
4	37.00	145	5781	98.9	16	290.0	249	1847	31.6	28	2300	39	76	1.3
5	44.00	162	5636	96.4	17	350.0	209	1598	27.3	29	2700	25	37	.6
6	52.00	222	5474	93.7	18	410.0	196	1389	23.8	30	3200	8	12	.2
7	62.00	374	5252	89.9	19	490.0	151	1193	20.4	31	3900		4	
8	73.00	460	4878	83.5	20	580.0	166	1042	17.8	32	4600	2	4	
9	87.00	372	4418	75.6	21	690.0	162	876	15.0	33	5400	1	2	
10	100.00	497	4046	69.2	22	820.0	154	714	12.2	34	6500	1	1	
11	120.00	585	3549	60.7	23	970.0	159	560	9.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	26.00	2	28.00	1	31.00	1	34.00	1	35.00	1	39.00	1	40.00	1	42.00	1	46.00	1
1963	25.00	1	30.00	2	41.00	4	49.00	4	55.00	4	63.00	4	65.00	4	73.00	4	82.00	2
1964	68.00	14	68.00	13	69.00	13	72.00	13	81.00	14	94.00	13	100.00	13	110.00	12	118.00	11
1965	32.00	3	35.00	3	36.00	2	37.00	2	38.00	2	42.00	2	47.00	2	56.00	2	96.00	6
1966	78.00	15	79.00	15	81.00	15	84.00	15	97.00	15	110.00	15	115.00	15	120.00	14	128.00	13
1967	37.00	4	38.00	4	38.00	3	44.00	3	45.00	3	46.00	3	51.00	3	60.00	3	94.00	5
1968	45.00	6	50.00	7	58.00	7	59.00	7	71.00	10	79.00	11	86.00	10	95.00	9	118.00	12
1969	46.00	7	47.00	5	49.00	5	51.00	5	56.00	5	65.00	5	80.00	8	87.00	8	100.00	7
1970	56.00	10	58.00	9	61.00	10	65.00	11	79.00	13	101.00	14	109.00	14	127.00	15	188.00	15
1971	60.00	11	60.00	10	60.00	8	61.00	8	63.00	7	73.00	8	85.00	9	98.00	10	116.00	10
1972	60.00	12	68.00	14	72.00	14	72.00	14	78.00	12	84.00	12	92.00	11	101.00	11	107.00	9
1973	44.00	5	47.00	6	50.00	6	55.00	6	62.00	6	70.00	6	73.00	5	75.00	5	90.00	4
1974	49.00	8	57.00	8	60.00	9	64.00	9	67.00	9	78.00	10	95.00	12	111.00	13	167.00	14
1975	55.00	9	60.00	11	64.00	11	64.00	10	66.00	8	72.00	7	76.00	6	78.00	6	86.00	3
1976	62.00	13	62.00	12	64.00	12	71.00	12	72.00	11	76.00	9	79.00	7	86.00	7	102.00	8

10308200 EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK, NEAR MARKLEEVILLE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1961	820.0	15	781.0	15	762.0	15	686.0	15	600.0	15	497.0	15	439.0	15	361.0	15	266.0	15
1962	1770.0	10	1730.0	8	1610.0	9	1230.0	10	1170.0	10	1040.0	10	987.0	8	821.0	9	585.0	10
1963	7360.0	1	4790.0	1	2620.0	4	1680.0	6	1520.0	6	1260.0	7	1010.0	7	841.0	7	733.0	3
1964	1210.0	12	1170.0	12	1110.0	12	1060.0	12	929.0	12	709.0	14	592.0	14	486.0	14	356.0	14
1965	6460.0	2	4600.0	2	2630.0	3	1630.0	7	1500.0	7	1300.0	6	1160.0	4	970.0	3	731.0	4
1966	1090.0	14	1080.0	14	1070.0	13	985.0	13	914.0	13	792.0	12	656.0	12	548.0	12	399.0	13
1967	3590.0	3	3450.0	3	3230.0	1	2710.0	2	2360.0	2	2200.0	1	1700.0	2	1350.0	2	1020.0	2
1968	1190.0	13	1100.0	13	1040.0	14	953.0	14	837.0	14	713.0	13	607.0	13	521.0	13	404.0	12
1969	3340.0	4	3290.0	4	3130.0	2	3000.0	1	2820.0	1	2180.0	2	1800.0	1	1530.0	1	1090.0	1
1970	2190.0	8	1680.0	9	1520.0	10	1480.0	9	1360.0	9	1060.0	9	848.0	10	728.0	10	625.0	7
1971	1820.0	9	1660.0	10	1630.0	8	1580.0	8	1380.0	8	1170.0	8	953.0	9	831.0	8	616.0	8
1972	1470.0	11	1450.0	11	1340.0	11	1200.0	11	1030.0	11	855.0	11	685.0	11	619.0	11	461.0	11
1973	2740.0	5	2510.0	6	2300.0	6	2070.0	4	1800.0	4	1380.0	5	1080.0	6	864.0	6	616.0	9
1974	2400.0	7	2230.0	7	1960.0	7	1810.0	5	1580.0	5	1390.0	4	1120.0	5	937.0	5	728.0	5
1975	2660.0	6	2550.0	5	2490.0	5	2240.0	3	2010.0	3	1550.0	3	1200.0	3	956.0	4	687.0	6
1976	736.0	16	685.0	16	646.0	16	580.0	16	501.0	16	376.0	16	306.0	16	262.0	16	202.0	16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
79.9	113	151	193	195	240	498	1153	1037	377	146	89.6
1054	4933	24840	20340	22870	9994	53010	240500	320400	80900	5779	1964
32.5	70.2	158	143	151	100.0	230	490	566	284	76.0	44.3
0.47	2.30	3.49	1.23	2.89	0.61	1.25	1.18	0.31	1.53	1.05	0.64
0.41	0.62	1.05	0.74	0.78	0.42	0.46	0.43	0.55	0.75	0.52	0.49
1.87	2.64	3.53	4.52	4.56	5.61	11.7	27.0	24.3	8.83	3.42	2.10

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
357	18900	137	0.34	0.39	-0.464

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.87	1.99	2.07	2.18	2.21	2.34	2.66	3.03	2.94	2.47	2.11	1.9
0.03	0.05	0.07	0.10	0.06	0.04	0.03	0.03	0.09	0.10	0.05	0.05
0.18	0.22	0.27	0.31	0.24	0.19	0.18	0.18	0.30	0.32	0.22	0.23
-0.22	0.74	1.59	0.26	1.07	-0.17	0.45	0.00	-0.93	0.12	0.03	-0.20
0.10	0.11	0.13	0.14	0.11	0.08	0.07	0.06	0.10	0.13	0.10	0.12
6.72	7.18	7.46	7.86	7.97	8.44	9.57	10.9	10.6	8.89	7.61	6.84

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.52	0.03	0.18	-0.51	0.07	-0.423

10308200 EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK, NEAR MARKLEEVILLE, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	975.0	1965	9100.0	1969	3830.0	1973	3200.0
1962	2250.0	1966	1240.0	1970	3170.0	1974	3540.0
1963	15100.0	1967	4400.0	1971	2560.0	1975	3380.0
1964	1590.0	1968	1530.0	1972	1770.0	1976	830.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4278	3.4278
STANDARD DEVIATION	0.3332	0.3332
SKEW COEFFICIENTS		
STATION	0.6292	0.6292
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	581.8	428.7	318.5	179.4	712.2
0.9900	643.4	503.4	393.3	224.2	811.6
0.9500	881.9	793.1	706.4	417.8	1182.8
0.9000	1070.2	1019.9	938.5	585.5	1467.1
0.8000	1387.3	1395.2	1335.3	881.4	1940.6
0.5000	2472.1	2610.5	2610.5	1870.4	3625.1
0.2000	4935.1	5064.1	5326.6	3645.1	7982.8
0.1000	7428.8	7266.2	8039.1	5029.5	12794.9
0.0400	11928.5	10799.7	12715.5	7035.3	21857.5
0.0200	16541.2	14037.7	17754.3	8731.0	31345.0
0.0100	22516.6	17846.7	25258.0	10609.6	43724.8

10308800 BRYANT CREEK NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°47'38", long 119°40'18", in NE¼NW¼ sec.30, T.11 N., R.21 E., Douglas County, Hydrologic Unit 16050201, on right bank 500 ft (150 m) upstream from Doud Springs Creek, 1.7 mi (2.7 km) upstream from mouth, and 11 mi (18 km) southeast of Gardnerville.

DRAINAGE AREA.--31.5 mi^2 (81.5 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1962		2	13	60	90	44	19	13	10	12	16	8	4	12	7	4	7	2	12	8	5	10	5	2											
1963		4	3	13	24	59	61	22	5	12		21	23	17	12	15	14	7	11	22	14	1	3						1						1
1964			5	31	34	57	32	91	36	22	28	10	7	10	2	1																			
1965				1	8	62	70	33	19	28	30	20	22	15	9	3	4	3	13	4	2	3	5	3	7	1									
1966				15	31	49	47	49	68	23	8	6	13	17	11	6	12	9	1																
1967				2	2	35	28	16	43	29	41	30	14	9	9	10	22	7	6	6	4	5	10	10	3	5	3	4	6	4	1				1
1968					2	55	59	29	87	29	11	13	29	25	14	1	9	1	2																
1969				2	3	17	44	36	11	52	34	16	9	9	5	10	7	7	5	3	2	7	11	4	4	6	10	13	14	17	6		1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	6.9	121	772	26.4	24	39	14	108	3.6
1	1.30	6	2922	100.0	13	7.9	114	651	22.3	25	45	12	94	3.2
2	1.60	21	2916	99.8	14	9.1	69	537	18.4	26	52	13	82	2.8
3	1.90	124	2895	99.1	15	11.0	50	468	16.0	27	60	17	69	2.3
4	2.20	194	2771	94.8	16	12.0	75	418	14.3	28	69	21	52	1.7
5	2.50	378	2577	88.2	17	14.0	36	343	11.7	29	80	21	31	1.0
6	2.90	360	2199	75.3	18	16.0	50	307	10.5	30	92	7	10	.3
7	3.30	289	1839	62.9	19	19.0	43	257	8.8	31	110		3	.1
8	3.80	279	1550	53.0	20	22.0	27	214	7.3	32	120	1	3	.1
9	4.40	207	1271	43.5	21	25.0	26	187	6.4	33	140		2	
10	5.10	168	1064	36.4	22	29.0	34	161	5.5	34	160	2	2	
11	5.90	124	896	30.7	23	34.0	19	127	4.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1963	1.40	1	1.50	1	1.80	1	2.00	1	2.10	2	2.20	2	2.30	1	2.50	3	2.50	1
1964	2.00	5	2.40	5	2.80	6	3.00	6	3.00	6	3.10	6	3.20	6	3.30	6	3.40	5
1965	1.80	2	1.80	2	1.90	2	2.00	2	2.00	1	2.10	1	2.30	2	2.30	1	2.50	2
1966	2.50	6	2.50	6	2.60	5	2.70	5	2.80	5	2.90	5	3.10	5	3.10	5	3.40	6
1967	1.90	3	1.90	3	1.90	3	2.00	3	2.20	3	2.40	3	2.50	3	2.50	2	2.80	3
1968	2.60	7	2.90	7	3.00	7	3.10	7	3.30	7	3.60	7	3.80	7	3.90	7	4.20	7
1969	2.00	4	2.20	4	2.50	4	2.50	4	2.70	4	2.80	4	2.80	4	2.80	4	2.90	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1962	37.0	5	34.0	5	31.0	5	29.0	5	25.0	4	19.0	4	15.0	5	13.0	5	9.5	5
1963	300.0	1	134.0	1	69.0	3	38.0	3	22.0	5	19.0	5	17.0	3	15.0	3	14.0	3
1964	11.0	8	9.7	8	8.4	8	7.7	8	7.0	8	6.4	8	5.6	8	5.0	8	4.5	8
1965	46.0	4	42.0	4	39.0	4	37.0	4	29.0	3	20.0	3	16.0	4	13.0	4	11.0	4
1966	16.0	7	15.0	6	14.0	6	13.0	6	12.0	6	11.0	6	9.1	6	7.8	6	6.4	6
1967	164.0	2	105.0	3	80.0	2	72.0	2	57.0	2	39.0	2	34.0	2	29.0	2	21.0	2
1968	18.0	6	15.0	7	14.0	7	11.0	7	9.6	7	9.2	7	8.7	7	7.8	7	6.4	7
1969	125.0	3	110.0	2	93.0	1	85.0	1	80.0	1	75.0	1	61.0	1	49.0	1	36.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.97	3.29	3.65	6.54	6.21	10.5	21.1	24.2	10.3	4.10	3.13	3.16
0.39	0.59	1.11	22.1	9.42	54.1	459	596	91.0	6.38	1.71	1.26
0.63	0.77	1.05	4.70	3.07	7.35	21.4	24.4	9.54	2.53	1.31	1.12
1.84	0.06	0.55	1.29	1.72	1.35	2.39	1.41	1.03	1.25	1.20	0.99
0.21	0.23	0.29	0.72	0.49	0.70	1.02	1.01	0.93	0.62	0.42	0.36
3.00	3.32	3.68	6.60	6.26	10.6	21.3	24.4	10.4	4.13	3.16	3.19

10308800 BRYANT CREEK NEAR GARDNERVILLE, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.39	30.2	5.49	1.66	0.65	-0.509

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.47	0.51	0.55	0.73	0.75	0.94	1.19	1.20	0.85	0.55	0.47	0.48
0.01	0.01	0.02	0.08	0.04	0.07	0.11	0.17	0.15	0.06	0.03	0.02
0.08	0.10	0.13	0.29	0.19	0.26	0.33	0.42	0.39	0.24	0.16	0.15
1.38	-0.31	-0.04	0.55	0.49	0.93	1.28	0.55	0.66	0.73	0.79	0.47
0.18	0.21	0.23	0.40	0.26	0.28	0.27	0.35	0.46	0.44	0.35	0.31
5.36	5.83	6.29	8.38	8.67	10.9	13.7	13.8	9.80	6.32	5.37	5.49

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.86	0.06	0.24	0.86	0.29	-0.606

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	8.0	1965	99.0	1968	28.0	1971	103.0
1962	58.0	1966	25.0	1969	176.0	1972	100.0
1963	975.0	1967	278.0	1970	106.0	1973	70.0
1964	24.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8807	1.8807
STANDARD DEVIATION	0.5313	0.5313
SKEW COEFFICIENTS		
STATION	0.2245	0.2245
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	4.2	3.6	1.9	0.7	9.0
0.9900	5.4	4.8	2.8	1.0	11.3
0.9500	11.0	10.5	8.2	3.2	21.3
0.9000	16.4	16.1	13.5	5.7	30.4
0.8000	26.8	27.0	24.7	11.6	48.1
0.5000	72.6	74.5	74.5	41.1	134.3
0.2000	209.4	211.4	232.8	118.6	488.5
0.1000	374.1	369.0	446.1	194.4	1046.5
0.0400	708.8	674.2	916.4	321.9	2459.0
0.0200	1083.0	1000.1	1588.2	443.3	4343.8
0.0100	1597.8	1430.6	2715.1	589.9	7315.2

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV

LOCATION.--Lat 38°50'50", long 119°42'10", in SW¼NE¼ sec.2, T.11 N., R.20 E., Douglas County, Hydrologic Unit 16050201, on left bank 0.1 mi (0.2 km) downstream from Horseshoe Bend, 2 mi (3 km) east of Mud Lake Reservoir, 4.5 mi (7.2 km) downstream from Bryant Creek, and 7 mi (11 km) southeast of Gardnerville.

DRAINAGE AREA.--341 mi^2 (883 km^2).

REMARKS.--Station is above all diversions in Carson Valley. Diversions for irrigation above station. Flow slightly regulated by several small reservoirs, total capacity, about 5,000 acre-ft (6.16 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1910								19	34	6	5	49	52	25	8	20	20	23	20	8	11	14	17	16	14	2	2								
1926			12	39	1	2	29	78	54	17	25	11	2	11	8	4	11	13	15	6	7	11	9												
1927				1	15	24	7	73	20	12	19	17	5	9	10	20	16	11	17	10	6	14	11	8	20	16	2	2							
1928				1	18	16	10	35	62	46	34	34	11	6	4	6	7	12	16	6	6	7	22	6			1								
1936		1			4	4	61	59	30	23	8	13	13	16	15	10	10	9	7	3	12	15	34	15	3		1								
1937			1	2	13	36	57	38	23	7	11	17	25	12	20	13	4	4	6	10	11	18	17	8	12										
1940						3	42	39	28	31	33	22	15	25	11	7	8	10	10	7	13	8	21	11	13	7	2								
1941						6	38	43	40	33	12	29	15	32	25	5	4	4	8	13	6	4	13	15	12	7	1								
1942								15	18	38	16	16	36	38	21	21	18	9	11	17	15	16	23	8	8	9	9	3							
1943								8	39	33	22	35	22	28	28	14	9	9	15	20	12	15	23	7	12	9	3	1	1						
1944						6	10	12	87	77	20	11	12	10	16	11	17	10	9	12	5	9	12	13	7										
1945						1	12	17	4	21	45	49	20	24	28	30	13	5	4	3	3	8	20	20	16	7	5	8	2						
1946								13	14	31	24	22	55	42	24	26	14	14	7	7	10	10	11	15	13	13									
1947					2	14	24	14	26	47	30	27	24	34	10	21	17	8	10	12	11	10	9	7	3	5									
1948						10	6	46	71	70	24	18	14	6	4	5	3	13	5	9	11	10	15	16	7	3									
1949						13	68	89	21	20	18	22	14	5	5	7	4	5	3	2	4	9	19	20	9	7	1								
1950						8	17	61	31	24	19	8	21	26	25	10	7	11	15	11	6	9	9	22	6	9	9	1							
1951								19	13	24	25	13	15	12	23	42	33	20	13	15	25	25	15	8	9	4	2	2	3		2		3		
1952								9	21	29	18	33	31	45	28	7	6	3	4	4	6	17	11	15	18	17	15	10	14	5					
1953										25	65	47	44	24	21	20	11	10	5	8	15	15	20	20	10	3	2								
1954						9	11	10	47	79	38	10	16	25	8	16	8	14	15	4	10	8	6	18	8	4		1							
1955					3	5	50	36	47	41	29	22	13	17	16	21	9	6	1	6	9	5	10	8	8	3									
1956						8	35	10	10	9	5	9	9	25	26	32	10	18	12	11	33	15	19	14	14	15	10	11	3	1	1				1
1957								18	22	24	52	36	43	14	21	17	22	14	9	8	8	19	16	7	4	6	5								
1958								11	45	50	31	9	29	27	27	15	9	10	3	6	4	7	15	9	17	14	12	12	3						
1959						10	9	26	77	47	18	16	26	6	28	15	3	8	25	29	16	4	2												
1960		7	13	13	27	68	49	19	15	17	14	16	7	6	13	12	14	13	12	15	12	3	1												
1961			7	3	38	37	66	40	29	23	9	19	6	5	2	10	16	18	16	13	8														
1962		2	2	6	32	46	39	21	13	28	24	16	6	9	6	7	8	4	6	13	17	18	27	10	5										
1963						3	37	42	17	11	12	35	14	32	22	17	21	9	6	9	17	8	14	11	11	13	2				1				1
1964						16	3	14	25	69	51	47	30	17	10	4	14	16	8	11	10	15	6												
1965					8	20	14	12	11	11	4	9	12	20	59	31	28	14	7	10	10	21	22	12	14	14					1	1			
1966				1	7	12	6	16	16	31	48	73	37	9	12	11	15	7	10	7	18	19	10												
1967						46	2	6	3	17	11	29	33	33	30	28	17	7	14	9	7	6	10	7	3	13	12	18	4						
1968						7	12	15	21	78	55	28	12	18	12	9	22	8	25	11	14	12	7												
1969							17	17	13	32	22	20	33	30	24	12	9	4	5	4	12	16	23	11	15	12	3	16	15						
1970								21	11	32	32	42	15	10	32	30	34	13	14	12	12	14	11	5	17	7	1								
1971								34	18	27	20	46	33	29	22	9	12	13	23	10	13	12	14	11	18	1									
1972						1	15	18	56	67	27	27	18	7	8	17	20	17	15	10	13	12	13	5											
1973							4	27	37	31	30	72	29	23	12	7	4	11	12	11	4	7	7	9	11	10	6	1							
1974							4	20	19	5	12	27	38	40	30	17	26	24	13	12	15	13	8	6	17	13	6								
1975							1	32	68	42	19	37	22	30	13	7	8	8	8	3	6	15	6	5	3	11	16	5							
1976				1	4	9	24	13	43	70	58	41	43	10	6	10	10	5	7	8	4														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	15707	100.0	12	160.0	926	7626	48.6	24	1400	318	743	4.7
1	22.00	10	15707	100.0	13	190.0	840	6700	42.7	25	1700	205	425	2.7
2	26.00	35	15697	99.9	14	230.0	758	5860	37.3	26	2000	111	220	1.4
3	32.00	72	15662	99.7	15	280.0	544	5102	32.5	27	2400	72	109	.6
4	38.00	251	15590	99.3	16	330.0	554	4558	29.0	28	2900	26	37	.2
5	45.00	598	15339	97.7	17	400.0	435	4004	25.5	29	3500	1	11	
6	54.00	928	14741	93.8	18	470.0	473	3569	22.7	30	4100	2	10	
7	65.00	1310	13813	87.9	19	570.0	444	3096	19.7	31	5000	2	8	
8	78.00	1381	12503	79.6	20	680.0	471	2652	16.9	32	5900	4	6	
9	93.00	1298	11122	70.8	21	810.0	522	2181	13.9	33	7100		2	
10	110.00	985	9824	62.5	22	980.0	581	1659	10.6	34	8500	2	2	
11	130.00	1213	8839	56.3	23	1200.0	335	1078	6.9					

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1910	100.00 41	140.00 41	151.00 41	154.00 41	154.00 41	155.00 41	155.00 41	173.00 41	216.00 40
1926	55.00 22	55.00 18	55.00 16	58.00 18	62.00 18	71.00 18	72.00 16	75.00 15	81.00 11
1927	31.00 3	31.00 3	31.00 2	31.00 2	34.00 2	36.00 1	40.00 1	46.00 3	58.00 4
1928	64.00 31	68.00 32	69.00 30	78.00 32	79.00 30	85.00 29	93.00 28	98.00 26	97.00 18
1937	38.00 8	39.00 8	42.00 9	44.00 9	46.00 9	56.00 13	58.00 11	60.00 8	69.00 8
1941	45.00 15	45.00 14	50.00 14	55.00 15	60.00 15	66.00 15	65.00 13	72.00 13	87.00 14
1942	66.00 32	67.00 31	67.00 27	71.00 27	74.00 27	81.00 27	95.00 29	103.00 28	157.00 37
1943	77.00 37	77.00 36	78.00 34	78.00 33	81.00 31	87.00 31	98.00 31	119.00 36	145.00 35
1944	44.00 14	62.00 24	63.00 22	67.00 24	71.00 24	72.00 19	75.00 18	76.00 16	81.00 12
1945	40.00 11	40.00 9	42.00 10	47.00 12	48.00 10	54.00 12	67.00 14	80.00 18	93.00 16
1946	72.00 35	74.00 34	77.00 33	79.00 34	85.00 32	95.00 34	110.00 37	129.00 38	157.00 36
1947	54.00 19	55.00 19	57.00 19	60.00 19	71.00 25	78.00 24	82.00 23	94.00 25	111.00 26
1948	34.00 5	37.00 6	40.00 5	42.00 5	43.00 4	49.00 6	60.00 12	64.00 11	71.00 9
1949	39.00 10	41.00 10	46.00 13	50.00 13	51.00 13	53.00 11	54.00 7	56.00 5	58.00 5
1950	38.00 9	41.00 11	41.00 6	42.00 6	45.00 6	52.00 10	56.00 8	58.00 6	64.00 6
1951	54.00 20	55.00 20	56.00 17	58.00 16	68.00 21	74.00 21	88.00 26	104.00 29	420.00 41
1952	58.00 24	60.00 22	63.00 23	64.00 22	65.00 19	73.00 20	78.00 21	85.00 22	98.00 20
1953	85.00 39	87.00 39	90.00 39	93.00 38	94.00 37	99.00 36	103.00 33	113.00 34	136.00 33
1954	58.00 25	66.00 29	68.00 28	71.00 28	74.00 28	80.00 25	83.00 24	82.00 20	91.00 15
1955	41.00 12	43.00 12	44.00 11	45.00 10	46.00 7	49.00 7	57.00 9	62.00 9	68.00 7
1956	35.00 6	35.00 5	41.00 7	44.00 7	48.00 11	50.00 8	52.00 5	60.00 7	106.00 24
1957	60.00 26	71.00 33	83.00 36	88.00 37	102.00 39	105.00 37	107.00 36	111.00 33	127.00 30
1958	56.00 23	56.00 21	58.00 20	60.00 20	62.00 16	69.00 16	74.00 17	75.00 14	80.00 10
1959	54.00 21	61.00 23	64.00 24	68.00 25	69.00 22	75.00 22	76.00 19	84.00 21	106.00 25
1960	32.00 4	33.00 4	35.00 3	38.00 3	44.00 5	46.00 4	48.00 4	50.00 4	56.00 3
1961	22.00 1	23.00 1	23.00 1	26.00 1	30.00 1	36.00 2	41.00 2	45.00 1	51.00 2
1962	23.00 2	27.00 2	37.00 4	41.00 4	41.00 3	45.00 3	45.00 3	46.00 2	49.00 1
1963	52.00 18	53.00 16	57.00 18	58.00 17	62.00 17	70.00 17	72.00 15	79.00 17	86.00 13
1964	80.00 38	82.00 38	88.00 38	95.00 39	98.00 38	105.00 38	112.00 38	122.00 37	131.00 31
1965	43.00 13	43.00 13	44.00 12	44.00 8	46.00 8	52.00 9	58.00 10	67.00 12	105.00 23
1966	94.00 40	95.00 40	95.00 40	98.00 40	109.00 40	132.00 40	137.00 40	140.00 40	145.00 34
1967	36.00 7	38.00 7	41.00 8	46.00 11	49.00 12	49.00 5	54.00 6	63.00 10	98.00 21
1968	60.00 27	65.00 27	71.00 31	73.00 29	89.00 36	98.00 35	106.00 35	110.00 32	133.00 32
1969	49.00 16	50.00 15	52.00 15	53.00 14	56.00 14	64.00 14	77.00 20	87.00 24	97.00 19
1970	66.00 33	67.00 30	69.00 29	74.00 31	86.00 33	108.00 39	113.00 39	133.00 39	211.00 39
1971	66.00 34	66.00 28	66.00 26	68.00 26	69.00 23	80.00 26	92.00 27	105.00 30	124.00 29
1972	63.00 29	77.00 35	84.00 37	86.00 36	88.00 35	93.00 33	104.00 34	110.00 31	113.00 27
1973	51.00 17	54.00 17	58.00 21	61.00 21	67.00 20	76.00 23	80.00 22	81.00 19	105.00 22
1974	63.00 30	63.00 25	64.00 25	67.00 23	72.00 26	85.00 30	100.00 32	117.00 35	180.00 38
1975	60.00 28	65.00 26	72.00 32	73.00 30	75.00 29	82.00 28	86.00 25	86.00 23	95.00 17
1976	75.00 36	78.00 37	80.00 35	85.00 35	87.00 34	92.00 32	95.00 30	102.00 27	114.00 28

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1910	2070.0 20	1650.0 23	1520.0 24	1440.0 23	1330.0 22	1220.0 17	1030.0 16	896.0 14	673.0 14
1926	1140.0 37	1120.0 36	1060.0 37	1000.0 37	842.0 38	692.0 38	561.0 39	457.0 39	332.0 39
1927	2540.0 15	2280.0 13	1970.0 13	1880.0 11	1570.0 12	1510.0 7	1280.0 6	1060.0 6	802.0 7
1928	2570.0 13	1670.0 22	1210.0 35	1130.0 33	1090.0 30	843.0 32	744.0 31	601.0 32	428.0 32
1936	2290.0 17	1480.0 32	1360.0 29	1240.0 28	1160.0 26	1090.0 24	1000.0 19	830.0 19	621.0 20
1937	1680.0 28	1620.0 24	1500.0 25	1400.0 24	1320.0 23	1110.0 23	918.0 25	747.0 25	562.0 25
1940	2020.0 23	1980.0 16	1860.0 17	1760.0 13	1540.0 14	1290.0 15	1090.0 13	905.0 13	664.0 16
1941	2060.0 21	1880.0 18	1750.0 19	1600.0 19	1500.0 16	1280.0 16	1010.0 18	818.0 20	599.0 22
1942	2680.0 9	2330.0 11	2090.0 12	1960.0 10	1810.0 8	1450.0 8	1240.0 8	1060.0 7	811.0 6
1943	3190.0 7	2040.0 15	1950.0 14	1680.0 16	1420.0 19	1350.0 12	1160.0 11	994.0 10	776.0 9
1944	1350.0 34	1310.0 35	1230.0 33	1110.0 35	1030.0 33	838.0 33	673.0 33	569.0 33	415.0 33
1945	2540.0 14	2330.0 12	2290.0 10	2080.0 8	1640.0 10	1390.0 10	1220.0 9	980.0 11	739.0 12
1946	1660.0 29	1620.0 25	1550.0 22	1450.0 22	1360.0 21	1140.0 22	922.0 24	758.0 24	555.0 26
1947	1610.0 30	1580.0 27	1490.0 26	1120.0 34	1010.0 34	796.0 36	636.0 35	534.0 35	399.0 36
1948	1570.0 31	1490.0 30	1230.0 34	1150.0 31	1090.0 31	957.0 29	787.0 29	633.0 30	447.0 31
1949	1760.0 27	1550.0 28	1420.0 27	1250.0 27	1160.0 27	1080.0 25	871.0 27	692.0 27	486.0 28
1950	2020.0 22	1970.0 17	1870.0 16	1760.0 14	1500.0 17	1190.0 19	1020.0 17	841.0 18	621.0 21
1951	6550.0 3	6410.0 1	3830.0 1	2260.0 5	1990.0 5	1170.0 20	884.0 26	722.0 26	653.0 17
1952	3130.0 8	3040.0 7	2890.0 5	2830.0 2	2520.0 2	2100.0 2	1820.0 2	1570.0 2	1140.0 2
1953	1870.0 26	1730.0 21	1540.0 23	1370.0 25	1210.0 24	1010.0 26	934.0 22	788.0 22	577.0 24
1954	2140.0 19	1460.0 33	1350.0 30	1290.0 26	1140.0 28	931.0 30	744.0 30	648.0 29	474.0 29
1955	1490.0 33	1480.0 31	1350.0 31	1150.0 32	1070.0 32	807.0 34	624.0 36	514.0 37	376.0 37

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1956	12200.0 1	6260.0 2	3420.0 2	2210.0 6	1980.0 6	1590.0 6	1370.0 5	1180.0 4	922.0 4
1957	1880.0 24	1870.0 19	1760.0 18	1510.0 21	1210.0 25	1000.0 27	821.0 28	684.0 28	525.0 27
1958	2610.0 11	2500.0 9	2390.0 9	2200.0 7	1980.0 7	1680.0 4	1420.0 4	1160.0 5	838.0 5
1959	909.0 41	823.0 41	748.0 42	629.0 42	579.0 42	538.0 41	487.0 41	421.0 40	326.0 40
1960	1000.0 40	946.0 40	854.0 40	726.0 40	645.0 40	542.0 40	488.0 40	409.0 41	305.0 41
1961	804.0 42	780.0 42	762.0 41	696.0 41	612.0 41	509.0 42	452.0 42	373.0 42	276.0 42
1962	1560.0 32	1500.0 29	1420.0 28	1160.0 29	1100.0 29	999.0 28	962.0 21	808.0 21	581.0 23
1963	8520.0 2	5130.0 3	2780.0 6	1760.0 15	1560.0 13	1330.0 14	1070.0 15	887.0 15	777.0 8
1964	1120.0 38	1080.0 38	1030.0 38	987.0 38	868.0 37	680.0 39	577.0 38	476.0 38	351.0 38
1965	6120.0 4	4410.0 4	2520.0 8	1660.0 17	1520.0 15	1340.0 13	1190.0 10	997.0 9	753.0 10
1966	1120.0 39	1110.0 37	1090.0 36	1010.0 36	930.0 36	807.0 35	665.0 34	559.0 34	413.0 34
1967	3330.0 5	3240.0 6	3010.0 4	2520.0 3	2220.0 3	2070.0 3	1610.0 3	1290.0 3	979.0 3
1968	1160.0 36	1060.0 39	1010.0 39	933.0 39	835.0 39	718.0 37	618.0 37	531.0 36	410.0 35
1969	3300.0 6	3250.0 5	3110.0 3	3020.0 1	2890.0 1	2280.0 1	1900.0 1	1650.0 1	1180.0 1
1970	2240.0 18	1770.0 20	1660.0 20	1610.0 18	1470.0 18	1160.0 21	922.0 23	786.0 23	673.0 15
1971	1880.0 25	1620.0 26	1580.0 21	1540.0 20	1380.0 20	1210.0 18	993.0 20	867.0 16	644.0 18
1972	1330.0 35	1320.0 34	1250.0 32	1150.0 30	1010.0 35	845.0 31	678.0 32	616.0 31	459.0 30
1973	2590.0 12	2340.0 10	2210.0 11	2000.0 9	1750.0 9	1370.0 11	1080.0 14	863.0 17	621.0 19
1974	2320.0 16	2180.0 14	1940.0 15	1800.0 12	1600.0 11	1410.0 9	1150.0 12	967.0 12	751.0 11
1975	2660.0 10	2590.0 8	2530.0 7	2310.0 4	2100.0 4	1630.0 5	1260.0 7	1010.0 8	730.0 13
1976	791.0 43	735.0 43	693.0 43	617.0 43	524.0 43	392.0 43	318.0 43	272.0 43	215.0 43

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
82.5	132	172	175	191	256	598	1176	986	354	128	86.2
789	26550	47380	18810	13430	9992	53590	169400	257600	62620	4521	1551
28.1	163	218	137	116	100.0	232	412	508	250	67.2	39.4
0.76	5.34	3.34	1.56	3.42	0.70	0.51	0.89	0.43	1.36	1.40	0.93
0.34	1.24	1.27	0.78	0.61	0.39	0.39	0.35	0.51	0.71	0.52	0.46
1.90	3.03	3.96	4.03	4.41	5.91	13.8	27.1	22.7	8.17	2.96	1.99

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
360	16270	128	0.53	0.35	-0.111

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.89	2.01	2.08	2.14	2.23	2.38	2.74	3.04	2.93	2.45	2.06	1.89
0.02	0.06	0.10	0.09	0.04	0.03	0.03	0.02	0.07	0.09	0.04	0.04
0.15	0.25	0.31	0.30	0.21	0.18	0.18	0.15	0.26	0.30	0.21	0.19
0.06	1.99	1.47	0.53	0.52	-0.34	-0.28	-0.25	-0.63	0.14	0.27	0.05
0.08	0.12	0.15	0.14	0.09	0.07	0.06	0.05	0.09	0.12	0.10	0.10
6.80	7.23	7.47	7.68	8.01	8.53	9.85	10.9	10.5	8.80	7.39	6.80

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.53	0.03	0.16	-0.20	0.06	-0.042

10309000 EAST FORK CARSON RIVER NEAR GARDNERVILLE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1890	4260.0	1927	3150.0	1949	1870.0	1963	13400.0
1891	1880.0	1928	2570.0	1950	2410.0	1964	1390.0
1892	2590.0	1936	2290.0	1951	12100.0	1965	8230.0
1893	5540.0	1937	1680.0	1952	3560.0	1966	1250.0
1901	3162.0	1938	10300.0	1953	2200.0	1967	4100.0
1902	1800.0	1940	2580.0	1954	2730.0	1968	1390.0
1903	2900.0	1941	2480.0	1955	1920.0	1969	3700.0
1904	4100.0	1942	4060.0	1956	17600.0	1970	3060.0
1905	1930.0	1943	5420.0	1957	2340.0	1971	2440.0
1908	940.0	1944	1720.0	1958	3160.0	1972	1520.0
1909	4200.0	1945	3490.0	1959	1030.0	1973	2980.0
1910	2070.0	1946	1960.0	1960	1160.0	1974	3250.0
1917	2090.0	1947	2450.0	1961	937.0	1975	3260.0
1925	3350.0	1948	2120.0	1962	1860.0	1976	906.0
1926	1230.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4275	3.4275
STANDARD DEVIATION	0.2777	0.2777
SKEW COEFFICIENTS		
STATION	0.8648	0.8648
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.4263 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	57	57
PERIOD (YEARS)	57	57

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	857.5	665.4	627.5	494.3	836.0
0.9900	910.8	740.3	707.0	559.3	919.4
0.9500	1117.5	1015.7	993.7	804.5	1222.1
0.9000	1279.6	1220.8	1200.2	991.7	1445.6
0.8000	1549.0	1548.4	1534.5	1294.3	1803.0
0.5000	2442.9	2557.3	2557.3	2218.1	2941.9
0.2000	4386.2	4503.9	4559.6	3873.8	5373.2
0.1000	6295.7	6217.1	6380.3	5225.0	7712.8
0.0400	9672.1	8950.1	9363.2	7265.1	11705.1
0.0200	13085.1	11456.4	12291.6	9055.5	15575.8
0.0100	17467.3	14417.2	15832.4	11101.3	20351.6

10309500 WEST FORK CARSON RIVER ABOVE WOODFORDS, CA

LOCATION.--Lat 38°47', long 119°54', in sec.31, T.11 N., R.19 E., Alpine County, Hydrologic Unit 16050201, on right bank, 1 mi (1.6 km) above Horsethief Canyon Creek, and 4 mi (6 km) west of Woodfords.

DRAINAGE AREA.--53 mi^2 (137 km^2), approximately.

REMARKS.--No diversion above station. Flow slightly regulated by several small reservoirs, total capacity about 1,500 acre-ft (1.85 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947		27	15	9	1	12	40	64	20	36	20	5	9	8	15	12	13	11	3	3	14	11	3	6	3	5									
1948		5	15	16	43	61	57	29	15	6	1	9	11	8	8	3	2	3	3	8	13	16	11	9	7	5	2								
1949		4	18	97	49	35	22	16	15	6	9	5	5	7	7	3	3	1	3	9	8	5	7	12	7	8	2	2							
1950			8	17	58	21	19	4	27	33	30	14	14	15	2	5	9	6	5	10	7	11	11	3	6	11	19								
1951				4	11	27	7	7	15	20	9	14	20	23	23	19	16	30	23	39	17	13	8	9		1	1	2			1	1	1	3	1

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	42.0	59	699	38.3	24	330	23	88	4.8
1	6.30	36	1826	100.0	13	50.0	61	640	35.0	25	390	30	65	3.5
2	7.60	56	1790	98.0	14	60.0	55	579	31.7	26	470	24	35	1.9
3	9.00	143	1734	95.0	15	71.0	42	524	28.7	27	560	4	11	.6
4	11.00	162	1591	87.1	16	84.0	43	482	26.4	28	660		7	.3
5	13.00	156	1429	78.3	17	100.0	51	439	24.0	29	780		7	.3
6	15.00	145	1273	69.7	18	120.0	37	388	21.2	30	930	1	7	.3
7	18.00	120	1128	61.8	19	140.0	69	351	19.2	31	1100	1	6	.3
8	21.00	92	1008	55.2	20	170.0	59	282	15.4	32	1300	1	5	.2
9	25.00	101	916	50.2	21	200.0	56	223	12.2	33	1600	3	4	.2
10	30.00	69	815	44.6	22	240.0	40	167	9.1	34	1900	1	1	
11	36.00	47	746	40.9	23	280.0	39	127	7.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1948	6.40	1	6.50	1	6.80	1	7.00	1	7.40	1	9.30	1	12.00	3	13.00	3	14.00	3
1949	7.00	3	7.30	3	7.80	2	8.70	2	8.90	2	9.40	2	9.70	1	10.00	1	11.00	1
1950	6.60	2	6.80	2	8.60	3	9.30	3	10.00	3	11.00	3	11.00	2	12.00	2	14.00	2
1951	11.00	4	12.00	4	12.00	4	13.00	4	15.00	4	19.00	4	23.00	4	27.00	4	103.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1947	449.0	5	445.0	5	420.0	4	323.0	5	287.0	5	218.0	5	172.0	5	141.0	5	102.0	5
1948	486.0	4	454.0	4	387.0	5	347.0	4	315.0	4	268.0	4	221.0	3	174.0	3	120.0	3
1949	638.0	2	542.0	2	482.0	3	406.0	3	380.0	3	293.0	3	218.0	4	171.0	4	117.0	4
1950	550.0	3	536.0	3	520.0	2	509.0	2	436.0	2	368.0	1	298.0	1	241.0	1	170.0	2
1951	2540.0	1	1950.0	1	1140.0	1	655.0	1	580.0	1	334.0	2	258.0	2	209.0	2	190.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
15.3	75.2	75.8	31.0	32.1	40.4	180	288	160	46.2	24.2	13.4
22.6	17810	19310	1041	959	748	2347	5255	5834	204	92.8	21.5
4.76	133	139	32.3	31.0	27.3	48.4	72.5	76.4	14.3	9.63	4.64
-0.28	2.23	2.23	2.12	2.02	0.41	-0.76	0.52	0.32	0.65	-0.08	0.32
0.31	1.77	1.83	1.04	0.97	0.68	0.27	0.25	0.48	0.31	0.40	0.35
1.56	7.67	7.73	3.16	3.27	4.12	18.3	29.4	16.3	4.71	2.47	1.36

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
81.8	752	27.4	1.21	0.34	0.859

10309500 WEST FORK CARSON RIVER ABOVE WOODFORDS, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.17	1.45	1.40	1.35	1.38	1.51	2.24	2.45	2.16	1.65	1.35	1.10
0.02	0.35	0.40	0.13	0.12	0.12	0.02	0.01	0.05	0.02	0.04	0.03
0.14	0.59	0.63	0.36	0.35	0.34	0.13	0.11	0.22	0.13	0.19	0.16
-0.41	2.12	2.04	1.29	1.24	-0.22	-1.27	0.10	-0.18	0.45	-0.60	-0.49
0.12	0.41	0.45	0.27	0.25	0.22	0.06	0.04	0.10	0.08	0.14	0.14
6.07	7.53	7.28	7.03	7.19	7.86	11.7	12.8	11.2	8.58	7.05	5.75

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.90	0.02	0.14	0.95	0.07	0.807

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	602.0	1949	793.0	1950	701.0	1951	4600.0
1948	674.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.0032	3.0032
STANDARD DEVIATION	0.3712	0.3712
SKEW COEFFICIENTS		
STATION	2.1624	2.1624
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES
DISCHARGES

EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	457.8	120.8	0.0	5.4	307.3
0.9900	458.8	146.9	0.0	8.6	352.8
0.9500	469.3	253.2	145.5	29.7	526.9
0.9000	485.7	340.2	245.7	57.2	666.7
0.8000	527.5	488.8	409.8	124.2	918.7
0.5000	762.5	993.2	993.2	455.2	2135.7
0.2000	1654.7	2058.9	2487.9	1095.9	8031.4
0.1000	3028.4	3038.6	4351.5	1545.4	18465.0
0.0400	6810.7	4630.2	9734.6	2148.8	47423.5
0.0200	12640.9	6098.9	19228.5	2630.9	89057.2
0.0100	23535.6	7832.0	********	3143.7	158704.0

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA

LOCATION.--Lat 38°46'10", long 119°49'55", in NW¼SE¼ sec.34, T.11 N., R.19 E., Alpine County, Hydrologic Unit 16050201, in Toiyabe National Forest, on left bank 0.3 mi (0.5 km) downstream from bridge on State Highway 88-89, 0.6 mi (1.0 km) southwest of Woodfords, and 3.8 mi (6.1 km) downstream from Willow Creek.

DRAINAGE AREA.--65.6 mi^2 (169.9 km^2).

REMARKS.--One small diversion above station for irrigation. Flow slightly regulated by several small reservoirs, total capacity, about 1,500 acre-ft (1.85 hm^3).

DISCHARGE, IN CUBIC FEET PER SECOND

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																							
1939					1	27	26	116	25	31	13	29	2	13	8	9	16	13	11	13	8	4													
1940						1	12	89	30	30	32	23	11	19	9	9	12	10	9	11	8	11	9	15	9	7									
1941						4	5	43	98	34	5	21	10	37	15	9	6	15	2	4	7	13	10	5	9	3	6	4							
1942								4	37	21	19	49	42	32	13	23	11	14	8	10	11	14	17	10	12	12	3	1	2						
1943								5	51	18	24	31	34	44	25	19	8	18	8	14	15	10	8	13	13	4	2	1							
1944						22	8	69	104	34	10	9	10	19	13	13	7	5	6	6	12	5	4	8	2										
1945						16	15	19	46	42	23	41	36	20	12	6	6	8	7	11	19	6	7	5	6	5	9								
1946							15	29	16	13	33	67	36	29	23	18	11	11	6	10	7	6	6	9	11	9									
1947				3	32	15	18	49	57	32	32	10	11	9	20	14	9	9	2	15	11	3	8	1	5										
1948					13	15	50	65	69	29	5	11	13	9	5	2	4	3	9	16	16	13	9	5	5										
1949					3	95	82	48	15	15	8	9	6	8	6	3	3	5	7	10	6	9	14	6	5	1	1								
1950						18	68	30	11	41	37	25	15	15	4	9	6	8	6	8	11	14	3	9	18	9									
1951								40	10	28	16	22	21	19	31	16	31	28	36	27	16	6	7		1	2	1	1	1	1		3	1		
1952								18	50	101	7	13	18	12	11	9	4	7	16	5	9	17	6	12	6	8	21	16							
1953									11	93	45	48	27	14	14	6	5	9	9	14	22	20	15	5	6	2									
1954							37	6	28	71	79	12	8	24	8	25	6	10	6	6	2	5	12	6	8	6									
1955						4	17	50	105	45	17	6	15	9	9	11	9	12	10	4	4	8	10	13	7										
1956								2	45	18	8	6	14	9	18	38	22	18	18	19	24	21	4	9	24	10	19	11	5	3					1
1957								1	10	29	22	70	24	41	27	25	15	8	3	9	21	9	12	14	10	10	5								
1958									4	87	49	47	27	12	19	12	4	8	7	5	6	10	5	8	8	12	6	8	11	6	4				
1959				7	14	12	7	14	27	79	39	25	21	12	15	12	10	10	22	15	19	5													
1960		26	7	7	7	18	11	16	19	21	14	15	11	5	6	8	11	21	17	11	15	6	5												
1961		5	8	9	39	85	34	19	31	16	12	16	4	8	7	15	20	21	15	1															
1962			2	3	23	64	66	31	11	11	23	15	10	9	6	5	5	3	3	14	14	18	10	10	9										
1963								8	19	44	47	16	14	34	33	14	18	23	9	12	9	10	8	18	9	16	1	1			1				1
1964					5	21	12	9	10	31	54	65	38	25	10	6	3	7	17	11	13	14	14	1											
1965						14	17	14	14	14	8	2	7	22	11	30	53	27	31	9	8	13	10	9	12	24	9	4	1			1	1		
1966					7	16	17	4	2	33	58	65	34	15	18	15	8	6	4	2	12	23	26												
1967					2	2	29	12	1	10	32	26	53	47	33	15	11	9	5	7	6	3	7	4	7	22	14	1	2	5					
1968						9	13	6	5	27	48	34	64	22	23	8	6	6	21	12	28	20	9	5											
1969								8	8	21	54	70	41	10	8	6	7	12	11	13	13	8	10	6	15	10	2	7	22	3					
1970										31	57	28	28	10	11	23	13	30	26	25	25	11	7	26	10	3	1								
1971									21	57	24	21	24	31	32	17	11	7	16	16	15	9	20	32	12										
1972								10	22	29	109	30	13	17	8	11	5	10	25	20	20	22	13	2											
1973									12	41	52	29	71	33	16	7	11	10	18	8	5	3	7	16	10	7	8	1							
1974									11	20	17	10	15	51	51	23	20	22	28	13	9	13	15	14	11	12	8	2							
1975									48	84	51	33	31	10	8	9	10	7	7	5	14	5	4	2	4	9	6	16	2						
1976					4	2	28	21	21	69	58	38	20	25	21	13	14	9	15	8															

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13880	100.0
1	6.20	31	13880	100.0
2	7.60	24	13849	99.8
3	9.10	54	13825	99.6
4	11.00	198	13771	99.2
5	13.00	560	13573	97.8
6	16.00	736	13013	93.8
7	19.00	1181	12277	88.5
8	23.00	1478	11096	79.9
9	28.00	1530	9618	69.3
10	34.00	934	8088	58.3
11	40.00	1009	7154	51.5
12	49.0	772	6145	44.3
13	59.0	712	5373	38.7
14	71.0	516	4661	33.6
15	85.0	445	4145	29.9
16	100.0	430	3700	26.7
17	120.0	508	3270	23.6
18	150.0	408	2762	19.9
19	180.0	446	2354	17.0
20	220.0	391	1908	13.7
21	260.0	377	1517	10.9
22	310.0	329	1140	8.2
23	380.0	250	811	5.8
24	450	256	561	4.0
25	550	130	305	2.1
26	660	91	175	1.2
27	790	59	84	.6
28	960	15	25	.1
29	1200	1	10	
30	1400	1	9	
31	1700	4	8	
32	2000	2	4	
33	2400		2	
34	2900	2	2	

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1940	12.00 11	13.00 11	13.00 9	15.00 11	15.00 11	16.00 9	19.00 11	20.00 11	21.00 8
1941	15.00 16	15.00 15	16.00 14	18.00 14	19.00 14	21.00 15	22.00 14	22.00 13	23.00 10
1942	21.00 30	22.00 28	22.00 30	24.00 28	25.00 28	27.00 29	30.00 26	36.00 33	46.00 33
1943	24.00 35	24.00 32	24.00 31	24.00 29	25.00 29	26.00 27	32.00 33	38.00 36	46.00 34
1944	17.00 19	19.00 19	20.00 24	21.00 21	22.00 19	22.00 16	22.00 15	22.00 14	23.00 11
1945	13.00 12	13.00 12	13.00 10	15.00 12	16.00 12	17.00 12	20.00 12	22.00 15	25.00 13
1946	18.00 20	19.00 20	19.00 19	21.00 22	22.00 20	25.00 22	30.00 27	34.00 27	42.00 32
1947	16.00 17	16.00 16	16.00 15	18.00 15	21.00 16	22.00 17	24.00 16	24.00 16	25.00 14
1948	10.00 6	10.00 6	11.00 6	11.00 4	11.00 2	13.00 4	17.00 9	18.00 9	20.00 7
1949	12.00 7	12.00 7	12.00 7	14.00 8	14.00 8	15.00 6	15.00 5	16.00 3	16.00 3
1950	12.00 8	12.00 8	13.00 11	14.00 9	15.00 9	16.00 10	16.00 6	17.00 6	19.00 5
1951	19.00 21	20.00 21	20.00 20	20.00 18	23.00 21	26.00 28	30.00 28	35.00 31	119.00 37
1952	19.00 22	20.00 22	20.00 21	21.00 19	22.00 17	24.00 18	25.00 19	26.00 18	27.00 17
1953	24.00 36	25.00 36	26.00 35	27.00 34	29.00 35	30.00 34	31.00 29	35.00 32	37.00 26
1954	20.00 25	21.00 25	22.00 25	22.00 23	23.00 22	24.00 19	25.00 20	27.00 21	28.00 18
1955	13.00 13	13.00 13	13.00 12	14.00 10	15.00 10	15.00 7	16.00 7	17.00 7	19.00 6
1956	12.00 9	12.00 9	13.00 13	16.00 13	16.00 13	17.00 11	17.00 10	19.00 10	30.00 19
1957	20.00 26	24.00 33	26.00 36	27.00 35	28.00 33	29.00 31	31.00 30	34.00 28	39.00 30
1958	15.00 14	16.00 17	17.00 16	19.00 16	20.00 15	20.00 14	21.00 13	21.00 12	22.00 9
1959	20.00 27	22.00 29	22.00 26	22.00 24	23.00 23	25.00 23	25.00 21	26.00 19	30.00 20
1960	8.60 2	8.60 2	8.80 2	9.00 2	11.00 3	15.00 8	16.00 8	16.00 4	16.00 4
1961	6.30 1	6.40 1	6.40 1	6.50 1	6.80 1	8.80 1	10.00 1	12.00 1	13.00 1
1962	8.80 3	8.90 3	9.00 3	12.00 5	13.00 6	14.00 5	14.00 2	14.00 2	15.00 2
1963	15.00 15	15.00 14	17.00 17	20.00 17	23.00 24	26.00 24	27.00 22	31.00 26	31.00 22
1964	23.00 33	24.00 34	24.00 32	27.00 36	30.00 36	32.00 35	33.00 34	35.00 29	38.00 27
1965	10.00 4	10.00 4	10.00 4	12.00 6	12.00 4	13.00 2	14.00 3	17.00 5	24.00 12
1966	25.00 37	27.00 37	27.00 37	27.00 37	29.00 34	34.00 37	34.00 37	37.00 34	38.00 28
1967	10.00 5	10.00 5	10.00 5	11.00 3	12.00 5	13.00 3	15.00 4	18.00 8	26.00 15
1968	21.00 31	22.00 30	24.00 33	25.00 30	27.00 31	30.00 32	33.00 35	35.00 30	42.00 31
1969	12.00 10	12.00 10	12.00 8	13.00 7	14.00 7	18.00 13	24.00 17	27.00 20	30.00 21
1970	23.00 34	24.00 35	24.00 34	26.00 32	30.00 37	32.00 36	33.00 36	39.00 37	54.00 35
1971	21.00 32	22.00 31	22.00 27	23.00 25	23.00 25	24.00 20	27.00 23	30.00 24	38.00 29
1972	20.00 28	20.00 23	20.00 22	27.00 33	28.00 32	30.00 33	31.00 31	31.00 25	32.00 23
1973	16.00 18	16.00 18	17.00 18	23.00 26	25.00 26	26.00 25	28.00 25	28.00 22	36.00 25
1974	21.00 29	21.00 26	22.00 28	24.00 27	25.00 27	28.00 30	31.00 32	37.00 35	55.00 36
1975	19.00 23	20.00 24	20.00 23	21.00 20	22.00 18	24.00 21	24.00 18	25.00 17	27.00 16
1976	20.00 24	22.00 27	22.00 29	25.00 31	26.00 30	26.00 26	27.00 24	29.00 23	33.00 24

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1939	277.0 35	268.0 35	257.0 35	232.0 34	214.0 34	171.0 34	141.0 36	116.0 36	84.0 36
1940	658.0 17	641.0 14	579.0 16	516.0 18	459.0 17	385.0 14	312.0 13	256.0 14	184.0 17
1941	864.0 12	785.0 11	768.0 10	681.0 7	564.0 9	424.0 9	324.0 12	260.0 13	189.0 16
1942	990.0 8	854.0 9	790.0 9	614.0 10	589.0 7	475.0 7	402.0 6	333.0 5	244.0 6
1943	910.0 10	628.0 16	607.0 14	557.0 14	486.0 13	399.0 12	333.0 9	277.0 9	207.0 10
1944	485.0 27	462.0 26	427.0 26	383.0 25	320.0 27	233.0 31	181.0 32	149.0 32	107.0 32
1945	739.0 13	720.0 12	693.0 12	657.0 9	526.0 10	390.0 13	311.0 14	248.0 15	183.0 18
1946	635.0 19	596.0 17	566.0 18	554.0 15	489.0 12	368.0 16	284.0 19	233.0 20	171.0 20
1947	494.0 25	484.0 24	457.0 23	353.0 28	312.0 29	236.0 29	187.0 31	154.0 31	112.0 31
1948	512.0 23	486.0 23	415.0 27	369.0 27	331.0 26	286.0 25	237.0 24	188.0 24	133.0 25
1949	678.0 15	553.0 20	495.0 21	418.0 20	393.0 20	303.0 23	228.0 25	180.0 26	125.0 27
1950	611.0 21	595.0 18	576.0 17	565.0 12	485.0 14	408.0 10	330.0 10	267.0 11	190.0 15
1951	2380.0 3	1990.0 1	1140.0 1	682.0 6	601.0 6	350.0 18	275.0 21	225.0 21	204.0 11
1952	932.0 9	875.0 8	831.0 7	817.0 3	785.0 2	670.0 1	546.0 1	454.0 1	322.0 1
1953	649.0 18	589.0 19	532.0 19	396.0 24	351.0 23	322.0 21	290.0 17	247.0 16	180.0 19
1954	505.0 24	498.0 22	470.0 22	408.0 22	361.0 22	265.0 26	202.0 26	168.0 28	122.0 28
1955	437.0 29	431.0 28	378.0 29	342.0 29	316.0 28	255.0 27	200.0 28	163.0 30	117.0 30
1956	2920.0 2	1420.0 4	762.0 11	673.0 8	583.0 8	491.0 5	416.0 5	353.0 4	270.0 3
1957	486.0 26	462.0 27	442.0 24	401.0 23	346.0 25	302.0 24	257.0 23	212.0 23	158.0 22
1958	1100.0 6	1060.0 6	996.0 2	868.0 2	756.0 3	573.0 3	445.0 3	354.0 3	246.0 5
1959	252.0 36	241.0 36	214.0 36	204.0 36	192.0 35	167.0 36	143.0 35	122.0 35	92.0 34
1960	290.0 34	276.0 34	263.0 34	225.0 35	187.0 36	169.0 35	148.0 34	124.0 34	91.0 35
1961	182.0 37	175.0 37	169.0 37	154.0 37	141.0 37	131.0 37	114.0 37	94.0 37	71.0 37
1962	537.0 22	525.0 21	511.0 20	441.0 19	407.0 19	334.0 20	279.0 20	224.0 22	158.0 23
1963	3000.0 1	1730.0 2	933.0 5	522.0 17	427.0 18	363.0 17	287.0 18	237.0 19	215.0 8
1964	328.0 30	295.0 32	282.0 32	270.0 32	234.0 33	212.0 33	172.0 33	141.0 33	104.0 33
1965	2280.0 4	1650.0 3	877.0 6	571.0 11	514.0 11	478.0 6	391.0 7	323.0 7	260.0 4

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1966	293.0 33	285.0 33	279.0 33	268.0 33	258.0 30	250.0 28	201.0 27	166.0 29	121.0 29
1967	1120.0 5	1070.0 5	971.0 3	742.0 5	625.0 5	548.0 4	418.0 4	329.0 6	238.0 7
1968	321.0 32	317.0 30	312.0 30	280.0 30	257.0 31	233.0 30	199.0 29	174.0 27	132.0 26
1969	1040.0 7	1010.0 7	941.0 4	892.0 1	853.0 1	659.0 2	530.0 2	437.0 2	309.0 2
1970	634.0 20	471.0 25	432.0 25	411.0 21	379.0 21	317.0 22	274.0 22	239.0 17	200.0 12
1971	444.0 28	424.0 29	404.0 28	374.0 26	348.0 24	341.0 19	301.0 15	263.0 12	196.0 14
1972	324.0 31	310.0 31	285.0 31	271.0 31	251.0 32	220.0 32	199.0 30	182.0 25	135.0 24
1973	665.0 16	659.0 13	622.0 13	560.0 13	475.0 16	376.0 15	294.0 16	237.0 18	170.0 21
1974	700.0 14	633.0 15	587.0 15	524.0 16	481.0 15	399.0 11	328.0 11	276.0 10	212.0 9
1975	894.0 11	845.0 10	800.0 8	756.0 4	662.0 4	473.0 8	355.0 8	282.0 8	198.0 13
1976	168.0 38	159.0 38	155.0 38	150.0 38	135.0 38	106.0 38	90.0 38	77.0 38	60.0 38

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
25.7	39.5	49.7	45.1	48.5	61.1	196	365	237	88.6	42.0	26.9
79.1	2483	4452	1154	1740	820	5757	27680	18890	3437	410	162
8.89	49.8	66.7	34.0	41.7	28.6	75.9	166	137	58.6	20.3	12.7
0.55	5.21	3.43	1.63	3.71	0.94	-0.06	0.88	0.57	1.33	0.65	0.79
0.35	1.26	1.34	0.75	0.86	0.47	0.39	0.46	0.58	0.66	0.48	0.47
2.09	3.23	4.06	3.69	3.96	4.99	16.0	29.8	19.3	7.24	3.43	2.19

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
102	1367	37.0	0.33	0.36	0.001

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.38	1.49	1.53	1.56	1.60	1.74	2.25	2.52	2.29	1.86	1.57	1.38
0.02	0.06	0.10	0.07	0.06	0.04	0.04	0.04	0.08	0.07	0.05	0.04
0.15	0.24	0.32	0.27	0.25	0.21	0.21	0.21	0.28	0.27	0.22	0.21
-0.17	2.19	1.69	0.68	1.11	-0.26	-1.13	-0.36	-0.35	0.22	-0.17	-0.21
0.11	0.16	0.21	0.18	0.16	0.12	0.09	0.08	0.12	0.15	0.14	0.15
6.53	7.04	7.24	7.37	7.55	8.21	10.6	11.9	10.8	8.80	7.42	6.52

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.98	0.03	0.17	-0.33	0.08	0.076

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)
1890	1280.0
1891	740.0
1901	896.0
1902	448.0
1903	502.0
1904	1085.0
1905	370.0
1906	1570.0
1907	1450.0
1908	643.0
1909	1230.0
1910	818.0
1911	1300.0
1912	710.0
1913	647.0
1914	1050.0
1915	672.0
1916	1180.0
1917	944.0
1918	618.0
1919	958.0
1920	742.0
1938	3500.0
1939	354.0
1940	895.0
1941	1330.0
1942	1210.0
1943	1290.0
1944	497.0
1945	975.0
1946	860.0
1947	635.0
1948	708.0
1949	824.0
1950	747.0
1951	4730.0
1952	1100.0
1953	813.0
1954	701.0
1955	596.0
1956	4810.0
1957	880.0
1958	1650.0
1959	320.0
1960	350.0
1961	237.0
1962	677.0
1963	4890.0
1964	522.0
1965	3100.0
1966	331.0
1967	1590.0
1968	360.0
1969	1240.0
1970	860.0
1971	675.0
1972	387.0
1973	837.0
1974	1100.0
1975	1290.0
1976	259.0

10310000 WEST FORK CARSON RIVER AT WOODFORDS, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9385	2.9385
STANDARD DEVIATION	0.2878	0.2878
SKEW COEFFICIENTS		
STATION	0.6538	0.6538
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.3658 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	61	61
PERIOD (YEARS)	61	61

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	235.6	197.7	185.9	146.2	249.6
0.9900	256.4	222.4	212.0	167.5	277.4
0.9500	334.4	314.0	307.1	248.5	378.5
0.9000	394.1	382.6	376.1	310.8	453.6
0.8000	491.8	492.7	488.3	412.0	574.0
0.5000	807.8	833.6	833.6	723.1	959.2
0.2000	1469.2	1493.2	1510.8	1283.4	1781.4
0.1000	2096.4	2073.3	2124.8	1741.5	2569.5
0.0400	3167.7	2996.2	3126.1	2432.6	3907.5
0.0200	4214.8	3839.4	4101.2	3037.7	5197.3
0.0100	5520.0	4831.9	5274.2	3727.3	6780.0

10310400 DAGGETT CREEK NEAR GENOA, NV

LOCATION.--Lat 38°57'55", long 119°50'55", in SW¼NE¼ sec.28, T.13 N., R.19 E., Douglas County, Hydrologic Unit 16050201, on left bank in Haines Canyon, 0.55 mi (0.88 km) upstream from Foothill Road, and 3.5 mi (5.6 km) south-southwest of Genoa.

DRAINAGE AREA.--3.82 mi^2 (9.89 km^2).

REMARKS.--No diversions above station. Intermittent pumping of effluent from Lake Tahoe basin by Douglas County Sewer Improvement District No. 1, occurred from February 1969 to November 1971.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1967				9	9	40	26	40	34	25	5	35	24	21	14	7	9	11	10	4	7	7	6	2	6	8		3	2	1					
1968			49	14	24	15	8	10	7	59	39	47	63	18	5	2	1	1	4																
1969					1	9	15	1	1	25	21	8	17	21	15	21	16	46	27	14	28	17	16	10	4	8	6		2	3		1		12	
1970						8	3	5	4	2	1	8	28	14	43	31	19	35	22	28	64	18	3	14	3	11	1								
1971					2	3	12	8	6	9	10	43	18	31	18	52	19	12	27	19	19	21	15	17	3			1							
1972				2	46	7	27	7	6	28	30	35	52	39	24	26	17	6	7	5	2													
1973			8	32	17	10	36	22	23	32	20	33	29	23	19	21	5	13	11	4	6		1												
1974				12	21		31	49	30	35	9	25	34	21	20	22	11	17	13	4	7	3	1												
1975				5	3	3	18	22	37	59	39	36	19	24	12	20	6	20	22	5	6	6	2		1										
1976				2	9	13	37	37	33	13	5	14	33	48	69	41	10	1	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3653	100.0	12	1.9	317	1935	53.0	24	5	17	76	2.0
1	0.50	0	3653	100.0	13	2.1	260	1618	44.3	25	6	27	59	1.6
2	0.70	57	3653	100.0	14	2.3	239	1358	37.2	26	7	7	32	.8
3	0.80	76	3596	98.4	15	2.5	243	1119	30.6	27	7	4	25	.6
4	0.90	132	3520	96.4	16	2.8	113	876	24.0	28	8	4	21	.5
5	1.00	108	3388	92.7	17	3.0	162	763	20.9	29	9	4	17	.4
6	1.10	213	3280	89.8	18	3.3	144	601	16.5	30	11		13	.3
7	1.20	201	3067	84.0	19	3.7	83	457	12.5	31	12	1	13	.3
8	1.30	181	2866	78.5	20	4.0	139	374	10.2	32	13		12	.3
9	1.40	287	2685	73.5	21	4.5	72	235	6.4	33	14	12	12	.3
10	1.60	179	2398	65.6	22	4.9	44	163	4.5	34				
11	1.70	284	2219	60.7	23	5.4	43	119	3.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1967	0.60	1	0.60	1	0.60	1	0.65	1	0.68	1	0.74	1	0.76	1	0.78	1	0.85	1
1968	1.00	8	1.00	8	1.10	8	1.10	7	1.10	6	1.30	6	1.30	6	1.40	6	1.50	6
1969	0.70	2	0.70	2	0.70	2	0.70	2	0.72	2	0.74	2	0.78	2	0.84	2	1.10	2
1970	1.40	10	1.40	10	1.40	9	1.50	9	1.60	9	2.30	10	2.80	10	2.70	10	2.90	10
1971	0.97	7	0.99	7	1.00	7	1.10	8	1.10	7	1.90	9	2.40	9	2.50	9	2.60	9
1972	1.30	9	1.30	9	1.50	10	1.60	10	1.60	10	1.80	8	1.80	8	2.00	8	2.20	8
1973	0.89	6	0.90	6	0.92	6	0.95	5	0.96	5	0.99	4	1.00	4	1.10	4	1.30	5
1974	0.76	3	0.77	3	0.77	3	0.81	3	0.84	3	0.89	3	0.95	3	1.00	3	1.10	3
1975	0.81	5	0.81	4	0.83	4	0.84	4	0.89	4	1.00	5	1.10	5	1.20	5	1.30	4
1976	0.80	4	0.82	5	0.87	5	0.97	6	1.20	8	1.40	7	1.50	7	1.60	7	1.80	7

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1967	10.0	2	8.7	2	7.5	2	6.5	2	4.9	2	4.5	2	3.9	2	3.4	4	2.9	4
1968	3.4	10	3.3	9	2.9	9	2.4	10	2.2	10	2.0	10	2.0	10	2.0	10	1.9	10
1969	15.0	1	15.0	1	14.0	1	14.0	1	9.6	1	7.3	1	6.4	1	5.8	1	4.8	1
1970	7.8	4	7.0	3	7.0	3	6.3	3	4.3	4	3.9	4	3.7	4	3.5	3	3.5	2
1971	8.3	3	6.7	4	5.9	4	5.1	4	4.4	3	4.1	3	3.8	3	3.7	2	3.2	3
1972	4.2	8	4.0	8	3.7	8	3.5	8	2.9	8	2.7	8	2.4	9	2.2	9	2.2	9
1973	5.2	6	4.2	7	3.9	7	3.7	6	3.4	6	2.9	7	2.7	6	2.5	7	2.3	8
1974	5.2	7	4.7	6	4.1	6	3.5	7	3.3	7	3.0	6	2.7	7	2.6	6	2.4	6
1975	6.0	5	4.9	5	4.6	5	4.0	5	4.0	5	3.6	5	3.2	5	3.0	5	2.5	5
1976	3.5	9	2.8	10	2.7	10	2.7	9	2.6	9	2.5	9	2.4	8	2.3	8	2.3	7

10310400 DAGGETT CREEK NEAR GENOA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.65	2.21	1.98	2.22	2.15	2.30	2.21	3.07	2.60	2.19	1.95	1.59
0.59	0.57	0.42	0.34	0.56	0.36	0.24	1.14	1.86	2.25	3.79	1.04
0.77	0.76	0.65	0.58	0.75	0.60	0.49	1.07	1.36	1.50	1.95	1.02
1.90	0.69	1.91	0.83	1.22	1.84	1.10	0.03	0.27	0.97	2.46	1.93
0.46	0.34	0.33	0.26	0.35	0.26	0.22	0.35	0.53	0.68	1.00	0.64
6.31	8.46	7.58	8.50	8.23	8.82	8.45	11.8	9.94	8.38	7.48	6.09

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.26	0.51	0.71	1.01	0.32	0.317

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.18	0.32	0.28	0.33	0.31	0.35	0.33	0.46	0.35	0.25	0.17	0.14
0.03	0.02	0.01	0.01	0.02	0.01	0.01	0.03	0.07	0.09	0.09	0.05
0.17	0.14	0.12	0.11	0.14	0.10	0.09	0.16	0.26	0.30	0.31	0.23
1.26	0.39	1.39	0.49	0.85	0.90	0.73	-0.55	-0.37	0.29	1.36	0.95
0.91	0.45	0.44	0.33	0.44	0.29	0.27	0.36	0.74	1.19	1.82	1.64
5.29	9.25	8.02	9.57	8.94	10.1	9.61	13.2	10.1	7.13	4.83	4.01

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.34	0.02	0.13	0.75	0.38	0.253

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	4.0	1969	15.5	1972	10.0	1975	13.0
1967	15.0	1970	16.0	1973	14.0	1976	11.0
1968	22.0	1971	63.0	1974	14.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.1602	1.1602
STANDARD DEVIATION	0.2826	0.2826
SKEW COEFFICIENTS		
STATION	0.4741	0.4741
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	3.6	2.9	1.8	1.0	4.8
0.9900	4.0	3.3	2.4	1.3	5.4
0.9500	5.5	5.1	4.3	2.4	7.5
0.9000	6.5	6.3	5.7	3.4	9.1
0.8000	8.3	8.3	7.9	5.0	11.6
0.5000	13.7	14.3	14.3	10.1	20.2
0.2000	24.5	24.9	26.5	17.9	41.2
0.1000	34.2	33.5	37.8	23.2	62.9
0.0400	49.9	46.2	56.3	30.3	101.3
0.0200	64.5	57.0	77.0	35.8	139.1
0.0100	82.0	68.9	102.7	41.6	186.1

10310500 CLEAR CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°06'50", long 119°47'50", in NE¼NW¼ sec.1, T.14 N., R.19 E., Carson City, Hydrologic Unit 16050201, on left bank 3 mi (5 km) upstream from mouth and 3.5 mi (5.6 km) southwest of Carson City.

DRAINAGE AREA.--15.5 mi^2 (40.1 km^2).

REMARKS.--Four small diversions for irrigation of about 150 acres (607,000 m^2) of hay meadows and pasture above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949						6	48	16	11	26	19	38	11	6	26	57	20	10	30	16	8	4	11	2											
1950										21	56	20	28	28	40	16	10	21	32	13	33	14	20	8	2		3								
1951											20	83	19	11	19	14	8	8	22	66	33	12	23	6	3	6	3	1	3	3			1		1
1952													9	10	5	6	82	40	29	44	30	3	19	9		8	11	12	23	17	9				
1953													62	9	10	14	7	9	46	46	88	26	35	9	2	1		1							
1954										30	53	18	29	16	21	26	51	26	35	43	13	1		1	1	1									
1955									24	49	29	20	29	15	15	78	59	29	12	3	2	1													
1956										7	34	9	45	22	27	28	6	3	7	18	28	19	47	38	19	4	1		1	1		1			1
1957									11	44	31	11	9	10	23	49	40	38	54	26	7	4	6	1	1										
1958											7	4	63	21	6	61	26	27	59	21	14	3	6	11	12	19	4	1							
1959									45	28	21	17	22	27	24	31	81	35	25	4	1		1	1	1	1									
1960					8	25	55	4	16	11	19	30	41	32	32	46	35	3	4	1		3					1								
1961		1	3	5	13	19	63	3	28	7	15	14	60	58	37	32	4	2	1															
1962					2	3	28	41	62	40	30	17	19	11	11	43	21	7	5	6	12	3	2		1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	2.8	446	3695	72.3	24	15	42	182	3.5
1	0.50	1	5113	100.0	13	3.2	276	3249	63.5	25	17	41	140	2.7
2	0.70	3	5112	100.0	14	3.7	296	2973	58.1	26	20	23	99	1.9
3	0.80	5	5109	99.9	15	4.2	501	2677	52.4	27	23	15	76	1.4
4	0.90	23	5104	99.8	16	4.9	450	2176	42.6	28	26	27	61	1.1
5	1.00	53	5081	99.4	17	5.6	258	1726	33.8	29	30	21	34	.6
6	1.20	194	5028	98.3	18	6.4	361	1468	28.7	30	34	9	13	.2
7	1.40	64	4834	94.5	19	7.4	307	1107	21.7	31	39	1	4	
8	1.60	197	4770	93.3	20	8.5	269	800	15.6	32	45	1	3	
9	1.80	263	4573	89.4	21	9.8	93	531	10.4	33	52		2	
10	2.10	334	4310	84.3	22	11.0	170	438	8.6	34	60	2	2	
11	2.40	281	3976	77.8	23	13.0	86	268	5.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1949	1.20	4	1.30	4	1.30	4	1.30	4	1.40	4	1.40	4	1.50	4	1.70	4	2.10	3
1950	1.10	3	1.10	3	1.10	3	1.20	3	1.20	3	1.30	3	1.40	3	1.50	3	2.10	4
1951	1.90	9	2.00	9	2.00	9	2.10	9	2.20	9	2.30	9	2.50	9	2.70	9	4.00	11
1952	2.10	10	2.20	10	2.30	10	2.30	10	2.40	10	2.50	10	2.50	10	2.70	10	3.30	9
1953	4.00	14	4.10	14	4.40	14	4.70	14	5.10	14	5.60	14	6.00	14	6.20	14	7.00	14
1954	2.90	13	2.90	13	2.90	13	2.90	13	2.90	12	3.00	13	3.10	11	3.40	11	4.00	12
1955	1.80	8	1.90	8	1.90	8	2.00	8	2.00	8	2.10	8	2.20	8	2.30	8	2.50	7
1956	1.70	6	1.70	6	1.70	6	1.70	6	1.70	6	1.80	6	1.90	6	2.00	5	2.40	6
1957	2.60	11	2.60	11	2.60	11	2.70	11	2.80	11	2.90	11	3.20	13	3.40	12	4.10	13
1958	1.70	7	1.70	7	1.70	7	1.70	7	1.80	7	1.90	7	2.00	7	2.20	7	2.80	8
1959	2.80	12	2.80	12	2.80	12	2.80	12	3.00	13	3.00	12	3.10	12	3.40	13	3.90	10
1960	1.60	5	1.60	5	1.60	5	1.60	5	1.60	5	1.70	5	1.80	5	2.00	6	2.30	5
1961	0.90	2	0.90	2	0.91	2	0.97	2	1.10	2	1.10	1	1.20	2	1.20	1	1.50	2
1962	0.60	1	0.67	1	0.73	1	0.81	1	0.98	1	1.10	2	1.10	1	1.20	2	1.40	1

10310500 CLEAR CREEK NEAR CARSON CITY, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	13.0 12	13.0 12	12.0 7	11.0 7	9.7 7	8.4 7	7.8 8	7.0 9	6.0 9
1950	21.0 7	17.0 6	14.0 6	13.0 6	12.0 5	11.0 5	9.7 6	9.0 6	8.0 6
1951	60.0 2	37.0 2	29.0 3	22.0 2	20.0 2	14.0 3	13.0 3	12.0 3	11.0 3
1952	37.0 3	36.0 3	35.0 1	34.0 1	32.0 1	29.0 1	25.0 1	21.0 1	17.0 1
1953	25.0 4	19.0 5	16.0 5	14.0 5	12.0 6	11.0 6	11.0 5	11.0 4	9.9 4
1954	19.0 8	14.0 10	11.0 8	9.4 10	8.5 9	8.3 8	7.9 7	7.4 7	6.7 7
1955	9.9 13	8.4 13	6.9 13	6.1 13	5.8 13	5.6 13	5.7 12	5.4 12	5.3 11
1956	78.0 1	49.0 1	30.0 2	19.0 3	15.0 4	13.0 4	13.0 2	12.0 2	12.0 2
1957	16.0 11	13.0 11	10.0 11	10.0 8	8.7 8	8.1 9	7.5 9	7.2 8	6.7 8
1958	23.0 5	20.0 4	19.0 4	19.0 4	17.0 3	15.0 2	12.0 4	11.0 5	9.6 5
1959	17.0 9	15.0 7	11.0 9	8.4 11	7.0 11	6.5 11	6.4 10	6.2 10	5.7 10
1960	21.0 6	14.0 8	9.6 12	7.3 12	6.1 12	5.7 12	5.4 13	5.0 13	4.4 13
1961	6.6 14	5.8 14	5.1 14	4.7 14	4.3 14	4.0 14	3.9 14	3.7 14	3.6 14
1962	17.0 10	14.0 9	10.0 10	9.6 9	8.3 10	6.6 10	6.3 11	5.8 11	4.6 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.03	4.58	6.09	6.39	7.21	7.28	9.49	8.35	4.77	2.79	2.24	2.31
1.78	5.48	12.4	8.38	3.97	5.29	43.4	40.4	11.9	3.21	1.44	1.28
1.34	2.34	3.52	2.89	1.99	2.30	6.59	6.36	3.45	1.79	1.20	1.13
1.38	1.92	1.66	0.79	0.23	0.46	2.68	2.01	2.07	2.02	1.90	2.05
0.44	0.51	0.58	0.45	0.28	0.32	0.69	0.76	0.72	0.64	0.54	0.49
4.69	7.09	9.44	9.91	11.2	11.3	14.7	12.9	7.39	4.33	3.47	3.58

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.42	5.60	2.37	1.10	0.44	0.423

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.45	0.62	0.73	0.76	0.84	0.84	0.91	0.83	0.60	0.38	0.30	0.33
0.03	0.04	0.05	0.04	0.01	0.02	0.05	0.08	0.07	0.05	0.04	0.03
0.18	0.19	0.22	0.20	0.12	0.14	0.23	0.28	0.26	0.23	0.20	0.18
0.35	0.62	0.54	-0.31	-0.07	-0.21	0.73	0.54	0.62	0.65	0.61	0.69
0.40	0.31	0.30	0.27	0.15	0.17	0.26	0.34	0.44	0.61	0.66	0.56
5.87	8.15	9.61	10.1	11.1	11.1	12.0	10.9	7.87	5.03	3.99	4.29

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.70	0.03	0.18	0.25	0.26	0.532

10310500 CLEAR CREEK NEAR CARSON CITY, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1948	23.0	1956	117.0	1963	170.0	1970	36.0
1949	20.0	1957	29.0	1964	35.0	1971	16.0
1950	60.0	1958	59.0	1965	58.0	1972	8.0
1951	106.0	1959	24.0	1966	9.0	1973	8.0
1952	70.0	1960	37.0	1967	110.0	1974	12.0
1953	32.0	1961	13.0	1968	130.0	1975	30.0
1954	26.0	1962	29.0	1969	87.0	1976	5.0
1955	22.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.5107	1.5107
STANDARD DEVIATION	0.4016	0.4016
SKEW COEFFICIENTS		
STATION	-0.0750	-0.0750
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.0907 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	29	29
PERIOD (YEARS)	29	29

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	2.8	3.2	2.6	1.6	5.3
0.9900	3.6	4.0	3.4	2.1	6.3
0.9500	6.9	7.3	6.7	4.3	10.6
0.9000	9.8	10.0	9.4	6.3	14.0
0.8000	14.9	14.8	14.4	10.1	20.0
0.5000	32.8	32.0	32.0	23.9	42.7
0.2000	70.8	70.3	72.5	52.0	102.7
0.1000	105.2	106.9	114.0	76.2	169.4
0.0400	159.7	168.3	186.9	113.4	295.1
0.0200	208.5	226.4	264.4	146.4	426.2
0.0100	264.6	296.2	360.4	184.2	596.2

10311000 CARSON RIVER NEAR CARSON CITY, NV

LOCATION.--Lat 39°06'30", long 119°42'40", in SW¼NW¼ sec.2, T.14 N., R.20 E., Carson City, Hydrologic Unit 16050201, on left bank 2 mi (3 km) downstream from Clear Creek, 3 mi (5 km) upstream from Lloyd Bridge on road to Mexican Dam, and 5 mi (8 km) southeast of Carson City Post Office.

DRAINAGE AREA.--876 mi^2 (2,269 km^2).

REMARKS.--Many diversions above station for irrigation. Flow slightly regulated by several small reservoirs on tributaries.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1940				4	3	7	10	9	12	21	7	11	26	33	28	8	3	3	31	26	25	14	10	27	20	11	16	1							
1941										14	38	28	18	13	32	9	5	36	51	42	9	7	8	12	14	13	12	4							
1942										2	12	29	19	17	3	5	30	12	8	41	39	25	23	29	27	13	15	10	5		1				
1943										5	23	23	17	9	18	14	11	5	31	26	41	22	21	27	24	15	21	9	1		1	1			
1944						10	8	14	18	14	3	18	3	11	7	24	40	73	36	33	9	5	14	11	13	2									
1945									5	29	21	25	14	9	3	2	22	45	19	49	24	16	9	13	30	10	9	5	6						
1946								4	22	17	17	16	6	6	4	17	3	9	72	50	30	21	18	15	11	20	7								
1947						20	26	18	13	6	5	6	2	14	13	14	20	53	45	42	19	18	12	11	1	5	2								
1948						7	14	22	19	9	5	12	22	26	34	79	27	7	6	7	11	8	18	8	16	7	2								
1949					1	15	24	21	15	14	9	16	8	57	50	6	8	29	13	8	6	11	11	12	17	8	3	3							
1950							7	12	24	22	18	12	27	16	32	16	1	15	38	20	18	17	10	11	24	8	15	2							
1951									19	25	26	14	20	5	2	3	9	7	10	13	63	71	24	14	14	5	6	4	2	1	2	3	2	1	
1952												4	11	15	17	27	28	27	34	35	19	12	10	14	28	19	23	18	20	5					
1953										1	9	22	20	9	10	15	37	18	59	40	21	20	24	24	24	6	6								
1954							1	34	22	11	12	8	13	9	4	19	80	24	25	20	29	8	8	8	25	4	1								
1955						15	11	13	20	27	10	24	10	6	13	51	92	19	10	1	3	6	7	14	12	1									
1956									3	12	7	14	28	21	28	11	14	4	3	2	38	26	39	31	20	18	21	16	6		1	2			1
1957								2	9	27	19	12	4	2	4	3	8	40	65	32	22	35	23	22	13	8	8	7							
1958										2	6	15	27	10	26	51	35	17	30	25	22	11	11	10	16	13	16	14	8						
1959					16	21	15	7	9	12	3	5	7	5	15	21	20	44	39	49	42	18	12	3	1		1								
1960			10	18	12	5	5	6	10	12	19	28	10	24	37	17	24	36	28	22	18	13	8	3	1										
1961			2	13	13	14	12	12	21	9	13	15	7	12	46	68	36	17	19	6	5	11	11	3											
1962					1	5	4	2	14	25	22	15	26	14	32	29	15	7	28	9	9	15	4	15	35	28	5	6								2
1963									15	18	13	19	8	4	30	60	20	7	10	29	26	25	13	12	12	15	22	4		1					
1964					3	8	12	18	12	19	3	5	8	6	6	6	13	61	71	32	18	15	19	20	10	1									
1965						2	4	3	2	7	5	4	1	10	4	12	32	28	13	9	52	41	25	10	28	26	13	27	4		1		1	1		
1966					10	20	22	11	16	3	7	3	2	3	3	2	4	20	77	53	26	22	18	23	12	8										
1967								9	2	3	2	11	13	6	12	27	32	32	22	53	27	19	13	12	9	6	12	19	17	7					
1968						2	13	19	21	17	9	1	7	3	1	1	7	54	57	41	27	26	17	28	12	2	1								
1969											5	8	2	15	36	20	18	29	29	7	28	26	13	10	24	19	11	17	14	19	15				
1970							3	4	5	4	13	23	8	4	6	6	7	24	45	17	12	54	43	19	24	7	22	11	1	3					
1971										1	5	13	32	16	11	9	25	34	20	56	38	8	29	18	16	17	17								
1972						4	10	13	13	15	7	13	6	6	6	5	9	34	55	46	30	21	7	35	16	15									
1973							2	4	10	16	9	9	13	18	13	11	27	35	8	9	64	37	12	15	11	12	10	14	4	2					
1974											6	21	18	21	14	10	15	8	3	12	45	45	46	29	18	9	17	18	10						
1975									1	4	3	4	20	17	22	20	14	71	25	13	30	36	20	13	5	9	9	10	11	8					
1976						7	12	20	14	18	18	12	15	8	12	12	27	38	77	49	16	6	5												

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13515	100.0
1	3.00	12	13515	100.0
2	4.00	31	13503	99.9
3	5.10	59	13472	99.7
4	6.60	92	13413	99.2
5	8.50	188	13321	98.6
6	11.00	222	13133	97.2
7	14.00	313	12911	95.5
8	18.00	397	12598	93.2
9	23.00	414	12201	90.3
10	30.00	426	11787	87.2
11	38.00	494	11361	84.1
12	49.0	512	10867	80.4
13	63.0	569	10355	76.6
14	81.0	620	9786	72.4
15	100.0	743	9166	67.8
16	130.0	1088	8423	62.3
17	170.0	1115	7335	54.3
18	220.0	979	6220	46.0
19	280.0	1062	5241	38.8
20	360.0	938	4179	30.9
21	470.0	653	3241	24.0
22	600.0	580	2588	19.1
23	770.0	543	2008	14.9
24	990	517	1465	10.8
25	1300	313	948	7.0
26	1600	336	635	4.6
27	2100	153	299	2.2
28	2700	97	146	1.0
29	3500	30	49	.3
30	4500	5	19	.1
31	5700	7	14	.1
32	7400	3	7	
33	9500	1	4	
34	12000	3	3	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1941	6.00 5	6.00 5	7.00 6	8.40 5	11.00 7	16.00 12	23.00 12	31.00 12	65.00 12
1942	24.00 26	24.00 25	25.00 25	26.00 24	30.00 24	33.00 22	42.00 22	76.00 24	165.00 28
1943	27.00 27	30.00 29	35.00 30	36.00 28	38.00 27	44.00 27	55.00 27	78.00 26	172.00 30
1944	27.00 28	28.00 27	30.00 27	34.00 27	34.00 26	39.00 25	50.00 23	69.00 22	104.00 19
1945	8.90 14	9.20 14	9.30 10	11.00 11	13.00 12	17.00 13	23.00 13	33.00 13	94.00 16
1946	22.00 24	23.00 24	23.00 24	25.00 23	26.00 23	33.00 23	51.00 24	99.00 29	199.00 32
1947	15.00 21	15.00 20	17.00 20	18.00 20	20.00 19	26.00 20	34.00 20	49.00 18	134.00 23
1948	8.60 11	9.00 12	9.70 13	9.80 8	11.00 8	12.00 5	15.00 6	24.00 7	50.00 7
1949	9.40 15	9.80 15	10.00 14	12.00 14	13.00 13	15.00 11	20.00 9	29.00 11	47.00 5
1950	8.30 10	8.70 10	9.30 11	11.00 12	12.00 10	13.00 8	15.00 7	22.00 6	44.00 4
1951	11.00 17	12.00 17	13.00 16	15.00 15	17.00 16	23.00 17	30.00 16	61.00 20	386.00 36
1952	18.00 22	19.00 22	20.00 21	20.00 21	24.00 21	26.00 18	32.00 17	46.00 15	102.00 17
1953	56.00 34	58.00 34	68.00 34	77.00 34	93.00 34	104.00 34	118.00 33	134.00 32	203.00 33
1954	29.00 29	30.00 28	32.00 28	39.00 29	46.00 29	50.00 28	58.00 28	77.00 25	104.00 20
1955	13.00 19	14.00 19	15.00 19	15.00 16	15.00 15	17.00 14	21.00 11	25.00 8	54.00 9

10311000 CARSON RIVER NEAR CARSON CITY, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1956	8.80 13	8.90 11	9.70 12	11.00 13	11.00 9	15.00 9	20.00 10	26.00 10	57.00 10
1957	52.00 33	56.00 33	57.00 33	62.00 32	66.00 32	78.00 32	108.00 32	135.00 33	151.00 27
1958	12.00 18	13.00 18	14.00 17	16.00 19	18.00 17	21.00 16	27.00 15	42.00 14	75.00 13
1959	37.00 31	41.00 31	43.00 31	49.00 31	58.00 31	69.00 31	75.00 30	90.00 28	122.00 21
1960	5.20 3	5.50 3	5.90 3	6.30 3	7.10 4	8.30 3	13.00 4	18.00 4	32.00 1
1961	3.50 2	3.50 1	3.50 1	3.80 1	4.20 1	7.00 1	11.00 1	14.00 1	32.00 2
1962	3.10 1	3.60 2	4.70 2	5.80 2	7.00 2	8.00 2	11.00 2	15.00 2	32.00 3
1963	6.50 7	7.00 7	7.60 7	10.00 9	14.00 14	19.00 15	32.00 18	60.00 19	78.00 14
1964	18.00 23	20.00 23	21.00 22	23.00 22	26.00 22	35.00 24	52.00 25	84.00 27	142.00 24
1965	6.00 6	6.30 6	6.80 5	8.70 6	9.90 5	12.00 6	14.00 5	20.00 5	52.00 8
1966	88.00 35	91.00 35	95.00 35	119.00 36	166.00 36	169.00 36	185.00 36	214.00 36	221.00 35
1967	5.60 4	5.90 4	6.50 4	6.80 4	7.10 3	8.70 4	11.00 3	17.00 3	49.00 6
1968	89.00 36	92.00 36	99.00 36	103.00 35	123.00 35	139.00 35	146.00 35	154.00 35	166.00 29
1969	8.00 8	8.20 9	9.10 9	10.00 10	11.00 6	13.00 7	17.00 8	25.00 9	63.00 11
1970	46.00 32	50.00 32	55.00 32	64.00 33	69.00 33	82.00 33	124.00 34	140.00 34	218.00 34
1971	8.70 12	9.10 13	11.00 15	15.00 17	21.00 20	28.00 21	41.00 21	67.00 21	132.00 22
1972	29.00 30	31.00 30	33.00 29	42.00 30	47.00 30	60.00 30	80.00 31	104.00 30	146.00 25
1973	8.00 9	8.10 8	8.90 8	9.30 7	13.00 11	15.00 10	24.00 14	47.00 16	84.00 15
1974	9.90 16	11.00 16	14.00 18	16.00 18	18.00 18	26.00 19	34.00 19	49.00 17	176.00 31
1975	24.00 25	26.00 26	27.00 26	30.00 26	33.00 25	41.00 26	53.00 26	73.00 23	102.00 18
1976	15.00 20	17.00 21	21.00 23	27.00 25	44.00 28	51.00 29	72.00 29	119.00 31	148.00 26

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1940	2170.0 18	2090.0 18	1990.0 18	1870.0 16	1590.0 17	1310.0 17	1110.0 14	940.0 15	732.0 16
1941	2390.0 16	2230.0 17	2120.0 15	1870.0 17	1690.0 13	1350.0 15	1030.0 18	837.0 18	635.0 21
1942	4650.0 6	3440.0 9	2680.0 12	2100.0 12	2080.0 8	1600.0 8	1380.0 7	1170.0 8	992.0 6
1943	6200.0 5	4950.0 5	2720.0 10	1920.0 13	1680.0 15	1540.0 9	1330.0 8	1180.0 7	1000.0 5
1944	1420.0 29	1360.0 28	1270.0 27	1100.0 27	1010.0 27	730.0 28	585.0 29	510.0 29	405.0 30
1945	3340.0 10	2760.0 13	2680.0 11	2360.0 9	1830.0 10	1470.0 11	1230.0 11	1010.0 12	803.0 12
1946	1870.0 22	1840.0 21	1730.0 20	1610.0 20	1460.0 19	1180.0 19	939.0 21	788.0 21	654.0 19
1947	1660.0 27	1600.0 26	1480.0 25	1070.0 28	897.0 30	675.0 30	545.0 30	481.0 31	385.0 31
1948	1740.0 26	1640.0 25	1390.0 26	1260.0 25	1190.0 24	932.0 25	712.0 26	557.0 27	406.0 29
1949	2390.0 17	2290.0 16	1950.0 19	1590.0 21	1300.0 21	1070.0 21	814.0 23	670.0 24	474.0 25
1950	2120.0 19	2070.0 19	2040.0 16	1920.0 14	1600.0 16	1270.0 18	1070.0 17	870.0 17	673.0 18
1951	11400.0 3	9990.0 2	5950.0 2	3650.0 2	3280.0 2	1950.0 4	1500.0 6	1220.0 6	973.0 7
1952	3700.0 9	3610.0 8	3430.0 7	3350.0 4	3020.0 3	2560.0 2	2160.0 2	1880.0 2	1390.0 2
1953	1900.0 20	1850.0 20	1660.0 23	1380.0 23	1240.0 23	1040.0 23	957.0 20	814.0 19	637.0 20
1954	1830.0 24	1360.0 27	1220.0 28	1190.0 26	1080.0 26	854.0 26	740.0 25	624.0 25	469.0 26
1955	1300.0 31	1250.0 29	1150.0 29	1040.0 30	946.0 29	670.0 31	490.0 32	404.0 33	315.0 33
1956	20400.0 1	11200.0 1	6570.0 1	3570.0 3	2320.0 6	1860.0 6	1580.0 4	1340.0 4	1290.0 3
1957	1810.0 25	1750.0 24	1700.0 21	1530.0 22	1270.0 22	992.0 24	788.0 24	691.0 23	556.0 23
1958	3010.0 14	2950.0 11	2880.0 9	2640.0 8	2360.0 5	1880.0 5	1550.0 5	1260.0 5	932.0 9
1959	1450.0 28	931.0 34	631.0 34	498.0 35	420.0 35	367.0 34	344.0 34	340.0 34	293.0 34
1960	874.0 35	677.0 35	590.0 36	479.0 36	389.0 36	341.0 35	295.0 35	273.0 35	218.0 35
1961	730.0 36	677.0 36	606.0 35	534.0 34	459.0 34	333.0 36	255.0 36	216.0 36	174.0 37
1962	1840.0 23	1790.0 22	1630.0 24	1290.0 24	1180.0 25	1050.0 22	980.0 19	804.0 20	614.0 22
1963	12200.0 2	9560.0 3	5220.0 3	2910.0 6	1780.0 11	1430.0 13	1140.0 13	970.0 13	931.0 10
1964	1130.0 34	986.0 33	852.0 33	827.0 33	746.0 33	606.0 32	481.0 33	407.0 32	324.0 32
1965	7900.0 4	6030.0 4	3610.0 6	2280.0 10	1690.0 14	1520.0 10	1270.0 9	1050.0 10	962.0 8
1966	1220.0 32	1190.0 30	1120.0 31	991.0 31	829.0 31	707.0 29	592.0 28	498.0 30	410.0 28
1967	4220.0 7	4120.0 7	3860.0 5	3160.0 5	2670.0 4	2420.0 3	1810.0 3	1540.0 3	1170.0 4
1968	1370.0 30	1120.0 32	891.0 32	833.0 32	775.0 32	597.0 33	529.0 31	517.0 28	415.0 27
1969	4150.0 8	4140.0 6	3960.0 4	3770.0 1	3610.0 1	2820.0 1	2320.0 1	1950.0 1	1490.0 1
1970	3100.0 13	2650.0 14	1990.0 17	1740.0 18	1430.0 20	1100.0 20	893.0 22	783.0 22	782.0 14
1971	1870.0 21	1760.0 23	1700.0 22	1620.0 19	1480.0 18	1340.0 16	1090.0 15	948.0 14	755.0 15
1972	1210.0 33	1190.0 31	1130.0 30	1070.0 29	959.0 28	753.0 27	634.0 27	602.0 26	485.0 24
1973	3140.0 12	2900.0 12	2550.0 13	2190.0 11	1870.0 9	1370.0 14	1070.0 16	884.0 16	709.0 17
1974	2580.0 15	2360.0 15	2170.0 14	1870.0 15	1730.0 12	1440.0 12	1170.0 12	1010.0 11	853.0 11
1975	3240.0 11	3180.0 10	3030.0 8	2700.0 7	2300.0 7	1650.0 7	1260.0 10	1060.0 9	788.0 13
1976	551.0 37	515.0 37	482.0 37	405.0 37	298.0 37	247.0 37	225.0 37	208.0 37	197.0 36

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
83.9	208	317	344	357	369	598	1225	975	236	48.6	38.7
2339	72570	163800	68990	66730	25480	109300	370700	435600	73350	4161	1354
48.4	269	405	263	258	160	331	609	660	271	64.5	36.8
0.66	4.92	3.30	1.28	4.08	0.57	0.72	1.01	0.65	1.88	2.83	2.32
0.58	1.29	1.28	0.76	0.72	0.43	0.55	0.50	0.68	1.15	1.33	0.95
1.75	4.34	6.61	7.16	7.44	7.69	12.5	25.5	20.3	4.92	1.01	0.81

10311000 CARSON RIVER NEAR CARSON CITY, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
400	35220	188	0.51	0.47	-0.029

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.85	2.18	2.34	2.43	2.49	2.52	2.70	3.03	2.85	2.08	1.47	1.45
0.08	0.09	0.11	0.10	0.05	0.05	0.08	0.06	0.16	0.31	0.16	0.11
0.27	0.30	0.33	0.31	0.22	0.22	0.28	0.24	0.40	0.55	0.40	0.34
-0.26	1.12	1.20	0.28	0.58	-1.04	-0.67	-0.65	-1.03	-0.09	0.80	0.34
0.15	0.14	0.14	0.13	0.09	0.09	0.10	0.08	0.14	0.27	0.28	0.23
6.74	7.97	8.54	8.86	9.09	9.20	9.87	11.1	10.4	7.58	5.36	5.30

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.55	0.05	0.22	-0.49	0.09	0.114

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1939	541.0	1949	2420.0	1959	1690.0	1968	1390.0
1940	2300.0	1950	2160.0	1960	1100.0	1969	4190.0
1941	2430.0	1951	15500.0	1961	808.0	1970	3480.0
1942	5300.0	1952	3750.0	1962	1950.0	1971	2260.0
1943	8500.0	1953	1990.0	1963	21900.0	1972	1330.0
1944	1530.0	1954	1970.0	1964	1160.0	1973	3330.0
1945	3860.0	1955	1410.0	1965	8740.0	1974	3180.0
1946	1930.0	1956	30000.0	1966	1280.0	1975	3480.0
1947	1950.0	1957	1900.0	1967	4430.0	1976	823.0
1948	1870.0	1958	3100.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4226	3.4226
STANDARD DEVIATION	0.3751	0.3751
SKEW COEFFICIENTS		
STATION	1.0225	1.0225
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.2599 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	38	38
PERIOD (YEARS)	38	38

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	639.1	353.1	308.1	205.8	520.1
0.9900	680.4	419.0	376.5	253.0	603.4
0.9500	854.5	683.2	650.3	454.2	927.3
0.9000	1003.0	898.5	865.0	627.6	1185.2
0.8000	1268.9	1268.0	1243.0	935.2	1625.8
0.5000	2289.6	2549.0	2549.0	2012.5	3219.4
0.2000	5078.5	5402.9	5533.5	4219.8	7302.8
0.1000	8422.7	8175.8	8586.4	6169.1	11803.8
0.0400	15516.6	12929.6	14049.0	9271.6	20337.8
0.0200	23976.1	17545.9	19908.5	12107.0	29354.0
0.0100	36459.6	23235.1	27373.1	15442.8	41226.4

10311450 BRUNSWICK CANYON NEAR NEW EMPIRE, NV

LOCATION.--Lat 39°10'20", long 119°41'10", in NW¼NE¼ sec.13, T.15 N., R.20 E., Carson City, Hydrologic Unit 16050202, 0.3 mi (0.5 km) upstream from mouth, 2.5 mi (4.0 km) east of New Empire.

DRAINAGE AREA.--12.7 mi^2 (32.9 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	4.0	1969	60.0	1972	0	1975	15.0
1967	63.2	1970	13.0	1973	4.0	1976	30.0
1968	0.1	1971	0	1974	0.4		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.4924 S	0.6794 S
STANDARD DEVIATION	1.1462 S	0.7931 S
SKEW COEFFICIENTS		
STATION	-0.9224	-0.9224
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.8182	0.8182
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.4	1.0	0.0	0.2	2.6
0.5000	4.6	4.6	4.6	1.7	12.2
0.2000	29.6	22.0	26.1	8.7	90.1
0.1000	63.4	50.6	70.7	18.1	296.1
0.0400	124.4	124.4	216.7	38.1	1127.1
0.0200	179.1	224.1	521.6	60.9	2747.6
0.0100	238.0	382.4	1172.7	92.7	6217.0

10311500 CARSON RIVER NEAR EMPIRE, NV

LOCATION.--Lat 39°10', long 119°41', in sec.12, T.15 N., R.20 E., Carson City County, Hydrologic Unit 16050202, just downstream from tailrace of Brunswick Mill power canal, 0.2 mi (0.3 km) downstream from highway bridge, and 2 mi (3 km) east of Empire.

DRAINAGE AREA.--988 mi^2 (2,559 km^2).

REMARKS.--Several diversions for irrigation above station. Brunswick Mill power canal began diverting above station Apr. 12, 1907; records herein adjusted for this diversion until Feb. 23, 1911, when station was moved below canal tailrace.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1902											8	27	25	9	1	1	1	1	22	8	7	53	58	32	13	27	21	19	16	15	1				
1903											3	37	29	4	3	6	10	2	8	6	10	78	15	30	22	17	15	24	13	14	19				
1904												3	5	3	5	5	4	24	19	21	11	62	18	18	17	6	20	32	22	17	35	14	5		
1905	4	5		3		5	4		13	18	8	9			1	2	3	5	3	2	2	14	56	82	53	17	19	19	14	4					
1906											1	1		3	4	6	6	40	17	37	14	8	25	30	23	21	13	4	18	30	25	38	1		
1912											15	15	17	12	3	9	23	13	14	12	30	92	44	21	6	6	6	4	11	10	3				
1914														19	16	23	23	43	15	2	7	2	4	12	15	27	31	13	31	23	19	22	13	3	2
1915							4	27	5		2	6	3	7		4	11	3	4	17	36	27	27	35	30	20	30	22	19	12	11	2	1		
1916												1	1	29		29	20	15	10	14	11	9	20	10	21	26	30	21	39	28	24	6	2		
1917												21	1	19		6	9	4	3	12	7	16	45	88	10	11	24	11	31	16	11	16	4		
1918								3	16	33	7	2	2	14	11	10	4	14	14	11	40	42	22	9	12	32	32	15	17	3					
1919									7	60	13	6		1	1		2	4	12	52	55	38	21	14	12	12	11	4	19	11	6	4			
1920								3	22	36	19	12		4	4	5	13	17	14	69	36	21	20	17	9	10	22	6	6	1					
1921									8	5	34	19		10	7	6	2	16	8	19	8	41	42	28	37	12	5	9	21	15	13				
1922												11		42	11	13	15	17	22	31	11	21	17	32	18	11	7	12	23	10	13	24	4		

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	5479	100.0
1	1.00	5	5475	99.9
2	1.30	0	5470	99.8
3	1.70	3	5470	99.8
4	2.20	0	5467	99.8
5	2.80	5	5467	99.8
6	3.60	8	5462	99.7
7	4.70	33	5454	99.5
8	6.00	71	5421	98.9
9	7.80	152	5350	97.6
10	10.00	110	5198	94.9
11	13.00	170	5088	92.9
12	17.0	83	4918	89.8
13	22.0	176	4835	88.2
14	28.0	67	4659	85.0
15	36.0	125	4592	83.8
16	47.0	146	4467	81.5
17	61.0	218	4321	78.9
18	79.0	185	4103	74.9
19	100.0	313	3918	71.5
20	130.0	285	3605	65.8
21	170.0	524	3320	60.6
22	220.0	434	2796	51.0
23	280.0	458	2362	43.1
24	370	298	1904	34.7
25	480	255	1606	29.3
26	610	286	1351	24.6
27	790	215	1065	19.4
28	1000	300	850	15.5
29	1300	209	550	10.0
30	1700	180	341	6.2
31	2200	126	161	2.9
32	2900	30	35	.6
33	3700	3	5	
34	4800	2	2	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1902	25.00	13	25.00	13	29.00	13	31.00	13	36.00	13	61.00	13	90.00	12	117.00	12	169.00	14
1903	10.00	7	10.00	7	13.00	9	13.00	8	14.00	8	16.00	7	19.00	5	44.00	7	96.00	7
1904	12.00	9	13.00	10	13.00	10	13.00	9	14.00	9	16.00	8	25.00	7	44.00	8	108.00	9
1905	30.00	14	30.00	14	36.00	14	49.00	15	65.00	15	108.00	15	210.00	16	227.00	16	235.00	15
1906	0.00	1	1.30	1	1.70	1	2.40	1	4.10	1	6.10	1	14.00	3	26.00	3	57.00	3
1907	51.00	16	60.00	16	68.00	16	85.00	16	99.00	16	135.00	16	177.00	15	210.00	15	295.00	16
1912	36.00	15	36.00	15	42.00	15	46.00	14	60.00	14	84.00	14	108.00	14	135.00	13	164.00	12
1913	11.00	8	11.00	8	11.00	7	11.00	7	13.00	7	17.00	9	25.00	8	32.00	5	56.00	2
1915	22.00	12	22.00	12	22.00	11	23.00	11	28.00	11	42.00	12	74.00	11	96.00	11	162.00	11
1916	4.00	2	4.00	2	4.40	2	4.70	2	4.90	2	12.00	5	25.00	9	43.00	6	116.00	10
1917	16.00	11	21.00	11	26.00	12	28.00	12	30.00	12	33.00	11	102.00	13	138.00	14	168.00	13
1918	13.00	10	13.00	9	13.00	8	14.00	10	18.00	10	25.00	10	35.00	10	56.00	10	102.00	8
1919	5.00	3	5.30	4	5.90	4	6.40	4	7.10	4	8.20	4	21.00	6	48.00	9	79.00	6
1920	6.00	5	6.30	5	6.70	5	7.40	5	7.70	5	7.90	3	8.30	1	12.00	1	43.00	1
1921	5.00	4	5.00	3	5.60	3	5.90	3	6.50	3	7.40	2	10.00	2	23.00	2	75.00	5
1922	9.00	6	9.00	6	9.60	6	11.00	6	11.00	6	13.00	6	18.00	4	27.00	4	60.00	4

10311500 CARSON RIVER NEAR EMPIRE, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1902	1710.0 12	1640.0 12	1490.0 12	1290.0 12	1180.0 12	1030.0 11	900.0 11	774.0 11	601.0 10
1903	2070.0 9	1980.0 9	1870.0 9	1780.0 8	1460.0 10	1380.0 7	1140.0 8	966.0 8	748.0 8
1904	3250.0 3	3020.0 4	2640.0 5	2580.0 5	2370.0 4	1970.0 4	1690.0 3	1530.0 3	1230.0 3
1905	1430.0 14	1350.0 13	1280.0 13	1130.0 13	976.0 13	886.0 12	747.0 13	652.0 13	526.0 12
1906	3020.0 7	2900.0 5	2760.0 4	2660.0 4	2510.0 2	2170.0 2	2030.0 1	1770.0 1	1310.0 2
1912	2030.0 10	1880.0 11	1710.0 11	1460.0 11	1220.0 11	815.0 14	569.0 14	472.0 14	386.0 14
1914	5160.0 1	3940.0 1	3320.0 1	2980.0 1	2860.0 1	2320.0 1	2000.0 2	1730.0 2	1450.0 1
1915	3100.0 5	2640.0 7	2250.0 7	2120.0 6	1650.0 7	1350.0 8	1160.0 7	994.0 7	763.0 7
1916	3100.0 6	2760.0 6	2430.0 6	2120.0 7	1840.0 6	1750.0 6	1550.0 6	1390.0 4	1160.0 4
1917	3250.0 4	3150.0 3	2790.0 3	2680.0 3	2330.0 5	1870.0 5	1570.0 5	1330.0 5	1020.0 5
1918	1440.0 13	1320.0 14	1250.0 14	1110.0 14	892.0 14	867.0 13	785.0 12	700.0 12	526.0 13
1919	2630.0 8	2210.0 8	2090.0 8	1700.0 9	1610.0 8	1230.0 10	930.0 10	776.0 10	573.0 11
1920	1350.0 15	1260.0 15	1150.0 15	939.0 15	836.0 15	650.0 15	521.0 15	425.0 15	326.0 15
1921	2000.0 11	1900.0 10	1830.0 10	1620.0 10	1510.0 9	1310.0 9	1020.0 9	863.0 9	661.0 9
1922	3290.0 2	3220.0 2	3010.0 2	2710.0 2	2470.0 3	2020.0 3	1600.0 4	1320.0 6	994.0 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
103	149	209	309	425	526	721	1454	1438	480	64.4	29.4
10690	4516	7527	70170	88910	104600	118300	262600	590000	246000	9543	748
103	67.2	86.8	265	221	330	344	512	768	498	97.7	27.4
2.09	0.44	0.88	3.13	0.84	1.33	0.16	0.20	0.63	1.75	3.09	1.73
1.00	0.45	0.42	0.86	0.52	0.63	0.48	0.35	0.53	1.04	1.52	0.93
1.74	2.53	3.53	5.23	7.19	8.90	12.2	24.6	24.3	8.13	1.09	0.50

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
470	35950	190	0.41	0.40	0.036

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.86	2.13	2.24	2.41	2.57	2.65	2.78	3.13	3.09	2.44	1.51	1.32
0.13	0.04	0.03	0.06	0.05	0.07	0.10	0.03	0.07	0.29	0.26	0.13
0.36	0.20	0.18	0.25	0.23	0.26	0.31	0.16	0.26	0.53	0.51	0.36
0.63	0.00	-0.19	1.42	-0.11	0.03	-1.98	-0.39	-0.44	-0.57	0.54	0.36
0.19	0.09	0.08	0.10	0.09	0.10	0.11	0.05	0.08	0.22	0.34	0.27
5.50	7.57	8.11	8.54	9.13	9.39	9.49	11.1	11.0	8.65	5.35	4.69

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.64	0.03	0.18	-0.22	0.07	0.149

CARSON RIVER BASIN

10311500 CARSON RIVER NEAR EMPIRE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1901	3300.0	1907	4000.0	1913	2090.0	1919	2630.0
1902	1710.0	1908	750.0	1914	5160.0	1920	1350.0
1903	2060.0	1909	2930.0	1915	3100.0	1921	2000.0
1904	3250.0	1910	1700.0	1916	3100.0	1922	3290.0
1905	1430.0	1911	4440.0	1917	3250.0	1974	1040.0
1906	3020.0	1912	2030.0	1918	1440.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.3658	3.3658
STANDARD DEVIATION	0.2084	0.2084
SKEW COEFFICIENTS		
STATION	-0.5514	-0.5514
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	23	23
PERIOD (YEARS)	23	23

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	527.5	705.6	617.7	456.4	933.2
0.9900	628.9	787.6	708.5	526.3	1023.0
0.9500	985.2	1069.1	1017.0	778.6	1326.0
0.9000	1228.7	1261.9	1214.8	959.4	1532.3
0.8000	1576.5	1546.8	1516.8	1232.0	1841.4
0.5000	2425.8	2303.2	2303.2	1942.3	2728.3
0.2000	3502.6	3468.2	3542.0	2914.4	4350.2
0.1000	4145.6	4315.4	4500.2	3549.5	5690.5
0.0400	4878.6	5466.8	5854.1	4357.3	7673.5
0.0200	5371.6	6381.4	7054.3	4968.1	9358.1
0.0100	5823.8	7343.6	8318.3	5588.9	11220.7

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV

LOCATION.--Lat 39°17'30", long 119°18'40", in SW¼SE¼ sec.32, T.17 N., R.24 E., Lyon County, Hydrologic Unit 16050202, on right bank 400 ft (122 m) downstream from Buckland ditch, 2 mi (3 km) west of Fort Churchill, and 4.5 mi (7.2 km) upstream from Weeks Bridge on U.S. Highway 95 alternate.

DRAINAGE AREA.--1,450 mi^2 (3,760 km^2), approximately.

REMARKS.--Many diversions for irrigation above station, including diversions for irrigation of 720 acres (2.91 km^2) between present site and sites used prior to Jan. 1, 1934. Buckland ditch diverts 400 ft (122 m) upstream for irrigation below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1913																	26	46	10	23	33	97	76	11	11	11	19	2							
1914														18	3	2	4	38	19	13	35	13	9	5	33	29	35	40	33	28	7	1			
1915														5	17	2	22	11	6	10	31	59	19	44	45	43	27	13	11						
1916															13		32	21	3	17	10	15	36	27	6	24	59	58	37	6	2				
1917																	29	29	1	3	1	5	38	78	55	33	29	27	16	21					
1918												46		26		2	29	4	4	15	42	66	18	9	14	50	30	10							
1919										30		7		28		18	4	5	3	1	39	77	65	10	21	8	14	10	21	4					
1920										2		21		49		16	7	4	8	14	37	108	35	17	19	15	9	4	1						
1921														50		23	5	10	7	12	9	14	64	40	58	11	30	14	18						
1922														7		6		52	13	17	16	42	32	25	31	41	18	19	18	23	5				
1923	35													3		6		9	9	27	10	12	14	74	59	57	27	13	10						
1925	31													30		1	29	9	4	8	9	74	22	35	26	28	33	18	8						
1926	75													2	3	9	15	9	4	11	104	30	49	19	18	13	4								
1927	31											1	6	14	19	14	14	4	9	5	5	16	54	33	44	23	27	15	29	2					
1930													3	33	68	12	15	10	15	6	23	49	35	32	27	21	15	1						
1931											18	37	6	2	28	16	14	23	33	35	94	39	5	4	7	4								
1934	84							1		2		2	1	1	14	14	10	10	21	20	40	96	33	11	2	3								
1935	83									4				2	6	1	5	11	7	59	47	38	9	8	13	18	33	15	6						
1936	87										3	1	1		1	3	2	3	5	7	55	40	13	32	23	11	45	27	7						
1937	50							16			1		2	3	3	11	5	6	6	11	58	29	10	43	27	35	20	18	11						
1938	19												1	1	1	28	13	7	21	11	23	3	20	32	42	25	27	20	34	26	10	1			
1939	86											1		2	2	5	3	8	4	7	10	33	142	16	29	17									
1940	65													2	13	4	1	2	5	52	35	7	24	35	34	23	34	17	13						
1941	74														1	2	4	9	5	12	45	15	79	44	15	10	23	12	15						
1942	62															1	2	1	4	15	2	39	12	38	63	39	40	21	20	5	1				
1943	75																		5	21	15	4	23	37	58	37	42	18	27	1	2				
1944	80																4	1	3	3	13	15	75	78	45	12	22	15							
1945	91																1	3	2	2	5	4	25	52	60	35	19	41	7	13	5				
1946	90													1				1		1	17	6	10	46	92	33	26	18	21	3					
1947	106												1		1	7	5	1	8		13	26	64	83	22	17	6	5							
1948	116														1	1	1	3	13	23	62	61	12	17	11	16	23	6							
1949	128												1			1		1	16	41	44	26	28	12	20	15	16	10	6						
1950	114															1			10	6	49	10	26	50	23	20	27	12	17						
1951	89															1	2	2	17	6	5	6	28	67	70	16	18	10	9	7	4	4	4		
1952	19													3	1	1		11	22	15	28	30	15	46	35	19	38	18	26	26	13				
1953	61																	1	15	24	27	15	45	70	35	34	31	7							
1954	96												1	1	2	3	12	2	3	21	30	61	21	55	14	11	26	6							
1955	137														1		1	1	5	24	64	79	10	7	5	14	16	1							
1956	39													2	7	15	13	11	11	19	16	6	6	16	48	42	38	30	26	16	2	1	2		
1957	61														2	3	3	4	3	16	52	67	44	38	18	20	14	5	15						
1958				18	1	1		1				4	13	8	14	6	5	10	7	10	52	38	38	33	19	18	11	25	23	10					
1959	35	23	12	27	1	1										3	10	4	8	20	23	79	57	47	12	2	1								
1960	46	8	26	65	14	1		1			1	1	1	1	2	7	3	10	19	24	46	47	23	13	6	1								
1961	102	15	6	9	7	3	1	2	2	4	2	5	5	8	3	11	14	29	87	22	3	4	12	6	3									
1962	34	55	5	4	2	2	3	3					2	1	1	5	6	12	56	23	5	27	17	12	28	50	8	4						
1963	34	18	13	4		1		1	1	1	2		2		2	3	2	25	45	33	7	13	40	37	18	15	19	25		2		1	1	
1964	36	18	12	15	1		1	2	7		3	3	2	2	2	2	2	11	3	23	89	61	19	26	24	2								
1965	30	10	1					2	1		1	1				2	1	2	11	29	30	14	16	71	28	31	39	22	19	1	1	2			
1966	30	62			1			1			1		1	1		1	2		1	7	32	28	68	56	36	28	9								
1967	25	18	1								1				3		1	10	18	16	17	32	33	54	37	20	19	7	20	28	5				
1968		1	1	2	20	36	15	1	3	8	2	2	1		1		2	1	10	49	59	41	40	37	29	5								
1969		5	1	6	2	1	1	2	2	10	15	5	3	12	11	7	3	4	6	26	40	9	18	36	32	29	17	22	15	25					
1970								13	28	18	2	6	1	2		3	4	4	9	5	31	39	35	75	35	22	25	3	5						
1971						16	21	5	3	9	6	1	5	4	4	4	4	4	4	4	15	28	29	78	31	37	25	27	5						
1972				54	7	23	1	1			1		2	1	1	4	2	6	7	27	48	72	33	15	40	20	1								
1973							5	17	6	9	30	2	4	8	4	2	3	4	31	40	8	11	85	24	20	22	12	14	4						
1974								1	9	19	11	6	8	12	5	4	9	8	4	17	4	17	67	65	37	18	19	22	3						
1975											3	21	6	5	9	12	12	17	11	16	86	46	37	28	7	10	4	17	18						
1976		3	29	17	16	13	7	3	10	5			4	3	3	17	13	13	10	6	19	86	82	6	1										

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2456	21548	100.0	12	5.6	94	17813	82.7	24	400	1692	5976	27.7
1	0.07	3	19092	88.6	13	8.0	339	17719	82.2	25	570	1330	4284	19.8
2	0.10	262	19089	88.6	14	11.0	284	17380	80.7	26	810	1264	2954	13.7
3	0.20	95	18827	87.4	15	16.0	313	17096	79.3	27	1200	716	1690	7.8
4	0.30	220	18732	86.9	16	23.0	424	16783	77.9	28	1600	624	974	4.5
5	0.50	69	18512	85.9	17	33.0	495	16359	75.9	29	2300	254	350	1.6
6	0.70	92	18443	85.6	18	47.0	559	15864	73.6	30	3300	79	96	.4
7	1.00	68	18351	85.2	19	67.0	1047	15305	71.0	31	4800	9	17	
8	1.40	63	18283	84.8	20	96.0	1758	14258	66.2	32	6800	7	8	
9	1.90	105	18220	84.6	21	140.0	2249	12500	58.0	33	9700	1	1	
10	2.80	103	18115	84.1	22	200.0	2097	10251	47.6	34				
11	3.90	199	18012	83.6	23	280.0	2178	8154	37.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1913	9.00 47	10.00 48	12.00 48	13.00 48	17.00 48	24.00 47	35.00 46	51.00 41	90.00 32
1914	28.00 54	28.00 54	28.00 54	28.00 53	29.00 53	32.00 49	35.00 47	49.00 39	72.00 26
1915	10.00 48	10.00 49	10.00 46	10.00 45	16.00 47	40.00 52	68.00 50	90.00 49	135.00 44
1916	8.00 45	8.70 45	10.00 47	11.00 47	12.00 45	17.00 43	32.00 43	60.00 46	145.00 46
1917	23.00 52	23.00 52	23.00 52	23.00 51	23.00 51	36.00 50	115.00 56	167.00 57	217.00 55
1918	27.00 53	27.00 53	27.00 53	27.00 52	28.00 52	30.00 48	35.00 44	57.00 44	96.00 34
1919	4.00 39	4.00 39	4.00 38	4.00 37	4.00 37	5.20 36	13.00 34	47.00 37	88.00 30
1920	2.00 36	2.00 36	2.00 35	2.00 35	2.00 35	4.00 34	6.50 29	15.00 20	57.00 18
1921	4.00 40	4.00 40	4.00 39	4.70 39	6.80 38	8.80 39	11.00 32	24.00 28	89.00 31
1922	9.00 46	9.00 46	9.00 44	9.00 43	9.00 42	12.00 41	19.00 40	36.00 32	101.00 35
1923	37.00 57	37.00 56	37.00 55	37.00 54	37.00 54	41.00 53	57.00 49	99.00 51	220.00 56
1926	10.00 49	10.00 47	10.00 45	10.00 46	10.00 43	19.00 44	35.00 45	53.00 42	78.00 27
1927	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	1.80 12	25.00 6
1930	6.00 43	6.70 43	6.90 42	7.00 42	7.20 39	7.90 38	9.00 30	11.00 17	35.00 13
1931	6.00 44	6.70 44	7.60 43	9.40 44	11.00 44	11.00 40	13.00 35	21.00 25	48.00 16
1935	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.08 8	16.00 4
1936	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	0.00 3	2.20 21	23.00 27	57.00 19
1937	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.00 4	0.97 19	21.00 26	58.00 20
1938	0.00 5	0.00 5	0.00 5	0.00 5	0.00 5	0.18 28	4.70 25	14.00 19	105.00 37
1939	18.00 51	18.00 51	18.00 51	18.00 50	19.00 49	37.00 51	85.00 54	118.00 54	155.00 49
1940	0.00 6	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 3	8.30 15	34.00 12
1941	0.00 7	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	2.40 22	16.00 21	60.00 23
1942	0.00 8	0.00 8	0.00 8	0.00 8	0.00 8	0.00 7	14.00 36	55.00 43	145.00 47
1943	0.00 9	0.00 9	0.00 9	0.00 9	0.00 9	0.00 8	15.00 37	47.00 38	158.00 50
1944	0.00 10	0.00 10	0.00 10	0.00 10	0.00 10	0.00 9	17.00 38	45.00 34	101.00 36
1945	0.00 11	0.00 11	0.00 11	0.00 11	0.00 11	0.00 10	0.00 4	11.00 16	80.00 28
1946	0.00 12	0.00 12	0.00 12	0.00 12	0.00 12	0.00 11	11.00 33	64.00 47	174.00 52
1947	0.00 13	0.00 13	0.00 13	0.00 13	0.00 13	0.00 12	0.00 5	13.00 18	107.00 38
1948	0.00 14	0.00 14	0.00 14	0.00 14	0.00 14	0.00 13	0.00 6	0.00 1	33.00 11
1949	0.00 15	0.00 15	0.00 15	0.00 15	0.00 15	0.00 14	0.00 7	2.70 13	39.00 14
1950	0.00 16	0.00 16	0.00 16	0.00 16	0.00 16	0.00 15	0.00 8	0.00 2	26.00 9
1951	0.00 17	0.00 17	0.00 17	0.00 17	0.00 17	0.00 16	5.90 26	45.00 35	380.00 57
1952	0.00 18	0.00 18	0.00 18	0.00 18	0.00 18	0.00 17	0.00 9	8.10 14	59.00 21
1953	36.00 56	37.00 57	38.00 56	42.00 55	51.00 55	60.00 55	73.00 51	94.00 50	170.00 51
1954	0.00 19	0.00 19	0.00 19	0.00 19	0.00 19	0.00 18	10.00 31	31.00 30	70.00 25
1955	0.00 20	0.00 20	0.00 20	0.00 20	0.00 20	0.00 19	0.00 10	0.00 3	25.00 7
1956	0.00 21	0.00 21	0.00 21	0.00 21	0.00 21	0.00 20	0.00 11	0.00 4	29.00 10
1957	10.00 50	11.00 50	13.00 49	16.00 49	21.00 50	47.00 54	80.00 53	100.00 52	116.00 42
1958	0.00 22	0.00 22	0.00 22	0.00 22	0.00 22	0.00 21	1.90 20	18.00 22	62.00 24
1959	5.50 42	5.60 41	5.80 40	6.10 40	7.90 41	17.00 42	28.00 42	51.00 40	95.00 33
1960	0.00 23	0.00 23	0.00 23	0.00 23	0.01 27	0.05 26	0.13 15	0.20 9	4.80 1
1961	0.00 24	0.00 24	0.00 24	0.00 24	0.00 23	0.00 22	0.01 12	0.07 6	9.90 2
1962	0.00 25	0.00 25	0.00 25	0.00 25	0.00 24	0.04 24	0.90 18	0.73 10	14.00 3
1963	0.00 26	0.00 26	0.00 26	0.04 29	0.07 29	0.09 27	6.00 27	33.00 31	50.00 17
1964	0.00 27	0.00 27	0.00 27	0.00 26	0.00 25	0.57 30	6.10 28	39.00 33	115.00 41
1965	0.00 28	0.00 28	0.00 28	0.00 27	0.02 28	0.04 25	0.04 13	0.08 7	26.00 8
1966	1.60 35	1.70 35	15.00 50	52.00 56	91.00 57	101.00 57	134.00 57	164.00 56	208.00 54
1967	0.00 29	0.00 29	0.00 29	0.00 28	0.00 26	0.03 23	0.04 14	0.05 5	24.00 5
1968	35.00 55	36.00 55	52.00 57	56.00 57	67.00 56	93.00 56	102.00 55	119.00 55	142.00 45
1969	0.10 30	0.10 30	0.14 30	0.32 30	0.58 31	0.63 31	0.69 16	1.40 11	39.00 15
1970	3.00 38	3.10 38	3.50 37	4.00 38	7.70 40	19.00 45	73.00 52	105.00 53	196.00 53
1971	1.40 34	1.40 34	1.50 34	1.70 34	1.90 34	2.40 32	4.50 23	29.00 29	110.00 39
1972	0.82 32	0.83 32	0.84 32	0.90 32	1.00 32	4.20 35	27.00 41	59.00 45	112.00 40
1973	0.32 31	0.32 31	0.34 31	0.37 31	0.40 30	0.45 29	0.80 17	19.00 23	60.00 22
1974	1.20 33	1.30 33	1.30 33	1.60 33	1.80 33	2.90 33	4.60 24	19.00 24	153.00 48
1975	2.40 37	2.50 37	2.60 36	3.10 36	3.40 36	6.80 37	18.00 39	47.00 36	86.00 29
1976	5.20 41	5.60 42	5.80 41	6.70 41	16.00 46	21.00 46	40.00 48	88.00 48	129.00 43

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1913	1360.0 44	1270.0 44	1170.0 43	1070.0 42	919.0 42	654.0 43	503.0 46	437.0 48	354.0 48
1914	6150.0 5	4790.0 5	3630.0 5	2990.0 6	2800.0 5	2230.0 5	2000.0 4	1760.0 4	1530.0 1
1915	2220.0 23	2190.0 23	2080.0 20	1840.0 21	1500.0 23	1200.0 28	1020.0 25	885.0 22	707.0 23
1916	3950.0 8	3550.0 11	2510.0 14	2200.0 13	1860.0 13	1750.0 11	1630.0 9	1500.0 6	1350.0 5
1917	3050.0 16	2920.0 15	2650.0 12	2610.0 10	2330.0 9	1910.0 9	1610.0 10	1380.0 9	1070.0 9
1918	1500.0 41	1480.0 39	1380.0 38	1220.0 37	974.0 41	937.0 38	845.0 35	750.0 33	547.0 36
1919	3140.0 15	2610.0 18	2260.0 18	1920.0 18	1820.0 14	1370.0 17	1050.0 21	848.0 26	625.0 31
1920	1680.0 37	1530.0 38	1330.0 39	1060.0 43	849.0 46	637.0 45	497.0 47	414.0 49	329.0 49
1921	1850.0 35	1820.0 33	1760.0 32	1580.0 30	1480.0 24	1300.0 22	1040.0 22	900.0 21	717.0 21
1922	3900.0 9	3770.0 8	3540.0 7	3070.0 5	2740.0 6	2230.0 6	1780.0 5	1510.0 5	1150.0 7
1923	2170.0 24	2040.0 26	1960.0 24	1730.0 25	1460.0 27	1170.0 29	1010.0 26	873.0 24	706.0 24
1925	1960.0 32	1910.0 31	1680.0 33	1400.0 36	1370.0 30	1090.0 32	989.0 28	828.0 29	659.0 30
1926	982.0 53	881.0 52	777.0 51	743.0 50	610.0 52	467.0 53	382.0 53	345.0 52	269.0 53
1927	2430.0 22	2300.0 21	2040.0 21	1850.0 19	1580.0 20	1520.0 13	1250.0 15	1050.0 15	830.0 16
1930	1290.0 45	1130.0 48	958.0 48	860.0 48	802.0 47	644.0 44	563.0 42	476.0 43	373.0 45
1931	625.0 58	622.0 57	587.0 55	478.0 54	331.0 56	207.0 59	171.0 58	165.0 58	149.0 58
1934	694.0 55	651.0 55	527.0 57	401.0 57	309.0 57	240.0 55	216.0 56	216.0 55	186.0 56
1935	1900.0 33	1880.0 32	1770.0 31	1560.0 31	1340.0 34	1120.0 30	946.0 30	759.0 32	543.0 37
1936	2040.0 28	1720.0 34	1610.0 34	1460.0 34	1350.0 31	1230.0 25	1040.0 23	878.0 23	704.0 25
1937	2110.0 26	2050.0 24	1840.0 29	1650.0 29	1460.0 28	1110.0 31	897.0 32	800.0 30	666.0 29
1938	5500.0 6	4190.0 6	3600.0 6	3170.0 4	3110.0 4	2500.0 3	2160.0 3	1850.0 3	1380.0 4
1939	790.0 54	767.0 54	746.0 53	659.0 53	577.0 53	492.0 52	403.0 51	358.0 50	313.0 50
1940	2000.0 30	1950.0 30	1850.0 28	1720.0 26	1480.0 25	1240.0 23	1060.0 20	905.0 20	717.0 22
1941	2150.0 25	2040.0 25	1940.0 25	1710.0 27	1560.0 21	1230.0 26	929.0 31	764.0 31	588.0 33
1942	3730.0 11	3000.0 14	2340.0 16	1940.0 17	1910.0 12	1470.0 14	1270.0 13	1090.0 14	946.0 12
1943	4200.0 7	3480.0 12	2170.0 19	1790.0 22	1550.0 22	1410.0 15	1250.0 14	1120.0 12	962.0 11
1944	1190.0 48	1150.0 47	1090.0 46	940.0 47	871.0 44	636.0 46	527.0 44	469.0 44	386.0 43
1945	2440.0 21	2410.0 20	2320.0 17	2080.0 15	1620.0 17	1310.0 20	1100.0 17	917.0 19	752.0 19
1946	1760.0 36	1690.0 35	1600.0 35	1510.0 32	1350.0 32	1070.0 34	854.0 34	723.0 36	615.0 32
1947	1450.0 42	1430.0 41	1290.0 40	942.0 46	788.0 48	580.0 49	481.0 48	438.0 47	369.0 47
1948	1520.0 39	1440.0 40	1210.0 42	1120.0 40	1060.0 38	822.0 40	624.0 41	484.0 42	370.0 46
1949	2040.0 29	1960.0 28	1770.0 30	1480.0 33	1180.0 36	949.0 37	722.0 39	603.0 39	432.0 41
1950	1980.0 31	1960.0 29	1900.0 27	1840.0 20	1590.0 19	1240.0 24	1040.0 24	850.0 25	677.0 28
1951	7850.0 3	7340.0 3	5310.0 1	3880.0 1	3610.0 1	2220.0 7	1670.0 6	1350.0 10	1000.0 10
1952	3650.0 13	3630.0 10	3500.0 8	3470.0 3	3180.0 3	2700.0 2	2240.0 1	1950.0 1	1430.0 3
1953	1440.0 43	1410.0 42	1270.0 41	1070.0 41	996.0 39	877.0 39	784.0 38	681.0 38	557.0 35
1954	1500.0 40	1270.0 43	1160.0 44	1140.0 39	986.0 40	778.0 41	681.0 40	585.0 40	444.0 39
1955	1200.0 46	1160.0 45	1090.0 45	1000.0 45	865.0 45	582.0 48	424.0 50	356.0 51	287.0 51
1956	9680.0 2	7940.0 1	5050.0 2	2930.0 7	2310.0 10	1910.0 8	1640.0 8	1390.0 8	1280.0 6
1957	2050.0 27	2020.0 27	1970.0 23	1780.0 23	1460.0 29	1080.0 33	818.0 36	682.0 37	531.0 38
1958	2790.0 18	2710.0 16	2650.0 13	2420.0 12	2170.0 11	1730.0 12	1420.0 11	1170.0 11	863.0 15
1959	1110.0 50	834.0 53	592.0 54	428.0 56	368.0 54	310.0 54	292.0 54	286.0 54	254.0 54
1960	668.0 57	501.0 58	413.0 58	324.0 58	254.0 58	217.0 57	197.0 57	199.0 57	161.0 57
1961	675.0 56	624.0 56	535.0 56	451.0 55	346.0 55	217.0 58	148.0 59	128.0 59	111.0 59
1962	1640.0 38	1630.0 36	1490.0 37	1210.0 38	1070.0 37	961.0 36	894.0 33	739.0 34	571.0 34
1963	11500.0 1	7770.0 2	4540.0 3	2590.0 11	1750.0 16	1400.0 16	1100.0 18	920.0 18	881.0 13
1964	1010.0 51	894.0 51	759.0 52	706.0 52	647.0 51	513.0 50	397.0 52	341.0 53	286.0 52
1965	6350.0 4	4930.0 4	3130.0 10	1950.0 16	1480.0 26	1350.0 18	1120.0 16	921.0 17	876.0 14
1966	1010.0 52	1000.0 49	938.0 49	835.0 49	708.0 49	608.0 47	522.0 45	447.0 46	387.0 42
1967	3710.0 12	3680.0 9	3480.0 9	2850.0 8	2500.0 8	2250.0 4	1670.0 7	1440.0 7	1110.0 8
1968	1120.0 49	987.0 50	801.0 50	736.0 51	676.0 50	504.0 51	464.0 49	466.0 45	379.0 44
1969	3900.0 10	3880.0 7	3740.0 4	3570.0 2	3470.0 2	2720.0 1	2230.0 2	1870.0 2	1450.0 2
1970	2930.0 17	2580.0 19	1940.0 26	1690.0 28	1330.0 35	1010.0 35	818.0 37	727.0 35	745.0 20
1971	1850.0 34	1630.0 37	1530.0 36	1450.0 35	1340.0 33	1200.0 27	962.0 29	844.0 28	688.0 27
1972	1200.0 47	1150.0 46	1040.0 47	1010.0 44	876.0 43	661.0 42	557.0 43	537.0 41	441.0 40
1973	2770.0 19	2620.0 17	2390.0 15	2110.0 14	1780.0 15	1300.0 21	1010.0 27	845.0 27	692.0 26
1974	2510.0 20	2260.0 22	2040.0 22	1780.0 24	1610.0 18	1340.0 19	1070.0 19	924.0 16	791.0 18
1975	3210.0 14	3140.0 13	3070.0 11	2840.0 9	2530.0 7	1780.0 10	1320.0 12	1090.0 13	793.0 17
1976	553.0 59	407.0 59	332.0 59	283.0 59	247.0 59	232.0 56	218.0 55	206.0 56	191.0 55

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
51.0	167	283	322	373	376	568	1121	955	223	24.0	10.2
3285	46350	129300	71650	64710	44080	131000	396200	489600	66420	2554	392
57.3	215	360	268	254	210	362	629	700	258	50.5	19.8
2.21	5.78	4.84	2.15	2.77	1.33	0.83	0.73	0.70	1.43	3.48	3.02
1.12	1.29	1.27	0.83	0.68	0.56	0.64	0.56	0.73	1.16	2.11	1.95
1.14	3.74	6.33	7.21	8.34	8.41	12.7	25.0	21.4	4.97	0.54	0.23

10312000 CARSON RIVER NEAR FORT CHURCHILL, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
379	40010	200	0.64	0.53	0.017

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.22	2.05	2.32	2.40	2.50	2.51	2.65	2.96	2.80	1.70	0.57	0.42
0.91	0.21	0.09	0.09	0.06	0.07	0.12	0.10	0.24	1.27	0.99	0.59
0.95	0.46	0.29	0.30	0.24	0.26	0.35	0.32	0.49	1.13	0.99	0.77
-1.31	-2.15	1.18	0.49	0.36	-0.87	-0.96	-1.36	-1.29	-1.12	-0.22	0.12
0.78	0.22	0.13	0.12	0.10	0.10	0.13	0.11	0.18	0.66	1.75	1.81
5.06	8.50	9.63	9.96	10.4	10.4	11.0	12.3	11.6	7.07	2.35	1.76

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.51	0.07	0.26	-0.65	0.10	0.166

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1911	4470.0	1928	2710.0	1945	2440.0	1961	717.0
1912	1640.0	1929	746.0	1946	1760.0	1962	1720.0
1913	1360.0	1930	1290.0	1947	1450.0	1963	15300.0
1914	6150.0	1931	625.0	1948	1520.0	1964	1060.0
1915	2340.0	1932	2200.0	1949	2040.0	1965	7220.0
1916	3950.0	1933	1370.0	1950	1980.0	1966	1080.0
1917	3050.0	1934	694.0	1951	7850.0	1967	3770.0
1918	1500.0	1935	1900.0	1952	3650.0	1968	1160.0
1919	3140.0	1936	2040.0	1953	1440.0	1969	3940.0
1920	1680.0	1937	2110.0	1954	1500.0	1970	3150.0
1921	1850.0	1938	5500.0	1955	1200.0	1971	1990.0
1922	3900.0	1939	790.0	1956	9680.0	1972	1230.0
1923	2170.0	1940	2000.0	1957	2050.0	1973	2870.0
1924	390.0	1941	2150.0	1958	2880.0	1974	2840.0
1925	1960.0	1942	3730.0	1959	1320.0	1975	3310.0
1926	982.0	1943	6300.0	1960	826.0	1976	627.0
1927	2430.0	1944	1190.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.3113	3.3113
STANDARD DEVIATION	0.3050	0.3050
SKEW COEFFICIENTS		
STATION	0.3384	0.3384
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.1850 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	66	66
PERIOD (YEARS)	66	66

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	419.2	379.0	351.9	274.4	487.3
0.9900	476.8	440.0	416.0	325.6	556.9
0.9500	692.8	670.1	653.9	525.9	814.2
0.9000	857.3	845.2	829.7	683.1	1007.1
0.8000	1124.3	1127.8	1117.2	941.0	1318.0
0.5000	1968.6	2004.2	2004.2	1735.1	2313.0
0.2000	3645.5	3672.1	3712.1	3144.6	4395.9
0.1000	5147.7	5102.4	5217.1	4272.9	6334.1
0.0400	7570.6	7315.5	7597.3	5934.4	9519.6
0.0200	9809.4	9281.3	9834.5	7353.2	12492.3
0.0100	12466.8	11537.9	12449.9	8934.6	16035.8

10312750 WILLOW CREEK NEAR WELLS, NV

LOCATION.--Lat 41°06'40", long 115°03'00", in NE¼ sec.11, T.37 N., R.61 E., Elko County, Hydrologic Unit 16040101, at culvert on U.S. Highway 40, 4.5 mi (7.2 km) west of Wells.

DRAINAGE AREA.--10 mi^2 (26 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	60.0	1964	30.0	1966	0.2	1968	0.1
1963	7.0	1965	40.0	1967	0.1		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.4291	0.4291
STANDARD DEVIATION	1.2796	1.2796
SKEW COEFFICIENTS		
STATION	-0.2205	-0.2205
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	7	7

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.2
0.9000	0.1	0.1	0.0	0.0	0.4
0.8000	0.2	0.2	0.1	0.0	1.5
0.5000	3.0	2.8	2.8	0.4	22.9
0.2000	32.9	32.5	49.4	5.1	887.9
0.1000	108.6	113.4	246.6	15.2	7468.9
0.0400	370.9	421.3	1736.8	43.9	76744.3
0.0200	800.6	972.6	7686.3	83.6	349371.9
0.0100	1574.2	2048.7	36830.0	146.5	********

10313000 STARR CREEK NEAR DEETH, NV

LOCATION.--Lat 41°01', long 115°16', in NE¼ sec.12, T.36 N., R.59 E., Elko County, Hydrologic Unit 16040101, 2 mi (3 km) upstream from mouth, and 3 mi (5 km) southeast of Deeth.

DRAINAGE AREA.--Not determined.

REMARKS.--Station is below practically all diversions and below all large tributaries except Boulder Creek.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1914											1	24	1	5	42	44	64	21	11	2	12	3	8	23	26	17	6	12	9	15	10	3	1	5	
1915					1		8		50	2	25	2		1	44	68	61	36	43	2	5	1	9	4	3										
1916						11	3	1	6		6	2	65	38	57	3	39	16	19	6	15	18	12	16	17	4	4	4	5	3					
1917									35		1	31	3	76	65	12	7	2	2	7	2	13	11	7	14	9	14	11	17	4	10	1	10	1	
1918							19	12	7	15	36	11	6	19	34	115	38	8	5	5	9	7	9	9		1									
1919		31			1		15		36	24		25	18	101	30	1	2	1	5	4	20	6	9	17	3	2	2	10	1		1				
1920					6				10	9		86	44	22	67	11	17		4	7	13	20	4	2	2	8	4	18	6	6					
1921													12	54	26	26	64	8	16	4	11	11	21	7	13	20	15	7	2	8	19	2	11	7	1
1922									11			15	24	45	23	13	107	6	12	3	8	15	5	5	5	18	6	13	6	7	12	6			
1923												14	20	72	116	10	13	6	22	15	13	2	4	4	6		10	8	18	7	4	1			
1924									18	6		50	2	56	22	100	26	14	12	28	3	2	4	3	2	2	13	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	4.6	195	3352	83.4	24	51	91	547	13.6
1	0.50	31	4018	100.0	13	5.6	489	3157	78.6	25	63	80	456	11.3
2	0.60	0	3987	99.2	14	6.9	526	2668	66.4	26	77	75	376	9.3
3	0.70	0	3987	99.2	15	8.4	403	2142	53.3	27	94	87	301	7.4
4	0.90	8	3987	99.2	16	10.0	438	1739	43.3	28	120	62	214	5.3
5	1.10	11	3979	99.0	17	13.0	118	1301	32.4	29	140	47	152	3.7
6	1.40	45	3968	98.8	18	15.0	151	1183	29.4	30	170	56	105	2.6
7	1.70	13	3923	97.6	19	19.0	83	1032	25.7	31	210	13	49	1.2
8	2.00	173	3910	97.3	20	23.0	111	949	23.6	32	260	22	36	.8
9	2.50	56	3737	93.0	21	28.0	98	838	20.9	33	320	13	14	.3
10	3.10	69	3681	91.6	22	34.0	96	740	18.4	34	390	1	1	
11	3.80	260	3612	89.9	23	42.0	97	644	16.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1915	1.00	3	3.80	8	3.90	8	4.00	9	4.70	9	7.30	10	8.60	10	8.90	10	8.70	10
1916	1.60	6	1.60	5	1.60	5	1.80	5	1.90	2	2.30	3	2.60	2	3.40	2	4.80	3
1917	1.30	4	1.30	3	1.30	3	1.40	2	2.70	5	3.60	5	5.10	6	5.60	6	5.40	4
1918	2.30	8	2.30	7	2.30	7	2.30	6	2.80	6	4.30	6	5.40	7	6.30	7	7.30	7
1919	1.40	5	1.50	4	1.50	4	1.60	3	1.90	3	2.20	2	2.70	3	3.50	3	4.30	2
1920	0.51	1	0.50	1	0.50	1	0.50	1	0.50	1	1.10	1	1.60	1	2.10	1	2.90	1
1921	1.00	2	1.00	2	1.10	2	1.60	4	2.50	4	3.30	4	4.10	4	5.40	4	7.10	6
1922	2.00	7	2.00	6	2.00	6	2.60	7	4.40	8	6.00	8	6.20	8	7.10	8	7.50	8
1923	4.00	9	4.00	9	4.00	9	4.00	8	4.00	7	4.50	7	5.00	5	5.50	5	5.90	5
1924	6.00	10	6.00	10	6.00	10	6.00	10	6.20	10	7.00	9	7.60	9	8.30	9	8.20	9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1914	372.0	3	368.0	2	332.0	2	252.0	3	212.0	3	162.0	3	128.0	3	110.0	2	80.0	2
1915	62.0	11	58.0	11	47.0	10	44.0	10	33.0	11	23.0	10	19.0	10	18.0	10	15.0	10
1916	126.0	8	124.0	8	116.0	7	96.0	7	76.0	7	50.0	7	40.0	8	40.0	7	31.0	7
1917	383.0	2	316.0	3	305.0	3	280.0	2	219.0	2	165.0	2	133.0	2	109.0	3	76.0	3
1918	83.0	10	59.0	10	43.0	11	37.0	11	34.0	10	23.0	11	18.0	11	18.0	11	15.0	11
1919	184.0	6	142.0	7	107.0	8	92.0	8	68.0	9	48.0	8	44.0	7	34.0	8	24.0	8
1920	167.0	7	162.0	6	152.0	6	136.0	6	121.0	6	87.0	6	67.0	6	53.0	6	37.0	6
1921	391.0	1	386.0	1	363.0	1	322.0	1	277.0	1	211.0	1	165.0	1	134.0	1	98.0	1
1922	253.0	4	240.0	4	222.0	4	210.0	4	172.0	4	135.0	4	106.0	4	86.0	4	60.0	4
1923	218.0	5	199.0	5	177.0	5	151.0	5	139.0	5	110.0	5	81.0	5	65.0	5	46.0	5
1924	99.0	9	97.0	9	92.0	9	89.0	9	69.0	8	44.0	9	33.0	9	28.0	9	21.0	9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.23	8.33	7.89	7.81	10.1	22.0	29.9	68.6	114	30.8	4.71	4.78
5.27	5.04	3.42	10.7	12.6	222	275	1920	7166	1019	6.50	5.13
2.29	2.24	1.85	3.27	3.55	14.9	16.6	43.8	84.7	31.9	2.55	2.27
0.50	-0.25	0.16	1.08	0.80	1.01	0.58	0.45	0.20	1.30	0.47	0.82
0.32	0.27	0.23	0.42	0.35	0.68	0.55	0.64	0.74	1.04	0.54	0.47
2.28	2.63	2.49	2.47	3.20	6.94	9.46	21.7	36.1	9.73	1.49	1.51

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
26.0	225	15.0	0.68	0.58	-0.087

10313000 STARR CREEK NEAR DEETH, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.84	0.90	0.89	0.86	0.98	1.25	1.41	1.73	1.87	1.19	0.61	0.63
0.02	0.02	0.01	0.03	0.02	0.08	0.07	0.12	0.24	0.38	0.07	0.04
0.14	0.13	0.10	0.17	0.15	0.29	0.26	0.35	0.49	0.61	0.26	0.21
-0.13	-0.88	-0.22	0.39	0.08	0.25	-0.39	-0.66	-0.73	-0.43	-0.27	-0.10
0.17	0.14	0.12	0.20	0.15	0.23	0.19	0.20	0.26	0.52	0.42	0.33
6.37	6.87	6.73	6.54	7.45	9.52	10.7	13.1	14.2	9.02	4.62	4.82

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.35	0.07	0.26	0.12	0.19	-0.077

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	372.0	1917	383.0	1920	167.0	1923	218.0
1915	62.0	1918	83.0	1921	391.0	1924	99.0
1916	126.0	1919	184.0	1922	253.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2530	2.2530
STANDARD DEVIATION	0.2773	0.2773
SKEW COEFFICIENTS		
STATION	-0.2547	-0.2547
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	29.7	32.6	19.2	11.2	55.6
0.9900	36.0	38.7	26.1	14.6	63.5
0.9500	59.9	61.5	51.7	29.5	91.9
0.9000	77.8	78.5	69.8	42.3	112.5
0.8000	105.6	105.0	98.8	64.1	145.4
0.5000	184.0	181.0	181.0	128.9	254.8
0.2000	308.4	307.3	325.0	221.8	504.3
0.1000	398.0	402.9	448.2	281.7	742.8
0.0400	516.8	535.5	635.4	356.9	1132.0
0.0200	608.0	641.9	827.2	412.9	1488.1
0.0100	701.1	754.4	1048.5	469.1	1902.9

10315000 MARYS RIVER NEAR DEETH, NV

LOCATION.--Lat 41°19', long 115°16', in NW¼ sec.31, T.40 N., R.60 E., Elko County, Hydrologic Unit 16040101, 300 ft (90 m) east of Malo Vista ranch house and 19 mi (31 km) north of Deeth.

DRAINAGE AREA.--355 mi^2 (919 km^2).

REMARKS.--Diversions for irrigation above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1913							39		1	12	31	18	1	15	11	23	9	48	24	21	20	2	1	8	13	28	9	24	7						
1914										16	16	6		16	17	43	29	32	37	16	15	4	11	6	5	9	5	8	15	8	18	16	17		
1915				50			9			5	62	23		13	71	20	30	8	13	10	6	10	20	14	1										
1916			5	11	18	10	7	4	9	5	4	19	3	20	59	32	1	6	9	11	14	15		1	1	15	16	22	10	21	14	4			
1917					38	1	5	9	6	22	26	5	6	34	79	3	4	5	3	1	4	7	3	5	9	8	3	10	8	12	17	25	7		
1918		11			39		1		5	14	5	11	4	32	47	36	33	7	8	9	8	6	25	32	11	17	4								
1919		40			41		49		8	16	17	51	13	25	18	2	2	4	1	1	2	1	1	1	2	23	6	11	18	7	5				
1920		55			49		15		28	1	1	21	14	2	9	17	16	19	16	10	16	10	10	20	4	10	5	6	8	4					
1921		9			10		9		19	7	12	7	8	27	22	39	30	11	23	2	2	3	2	2	1	17	11	15	17	8	8	18	19	7	
1922	21	2			36		11		2	22	2	22	8	45	81	6	4	2	1	1	8	4	14	3	6	6	4	2	3	2	14	9	16	6	2
1923							8		32	22	32	45	8	45	10	1	19	5	12	13	11	6	7	12	14	26	13	14	10						
1924	37	34			11		10		6	3	2	31	4	91	16	13	20	28	8	8	3	7	13	16	4	1									
1925		21			11		52		23	65	12	29	2	7	6	14	12	4	4	2	8	14	9	5	5	7	3	3	7	9	15	14	2		
1926		69			12		7		9	7	99	70	2	3	2	3	2	6	16	13	7	3		1	5	17	12								
1927		71			26		10		11	5	5	67	5	23	5	4	3	17	10	2	11	5	6	11	3	4	5	15	16	3	4	13	5		

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	58	5478	100.0
1	1.00	312	5420	98.9
2	1.20	5	5108	93.2
3	1.50	61	5103	93.2
4	1.80	291	5042	92.0
5	2.20	11	4751	86.7
6	2.60	232	4740	86.5
7	3.20	13	4508	82.3
8	3.90	159	4495	82.1
9	4.70	222	4336	79.2
10	5.70	326	4114	75.1
11	6.90	425	3788	69.1
12	8.4	78	3363	61.4
13	10.0	398	3285	60.0
14	12.0	453	2887	52.7
15	15.0	256	2434	44.4
16	18.0	214	2178	39.8
17	22.0	202	1964	35.9
18	27.0	185	1762	32.2
19	33.0	120	1577	28.8
20	39.0	135	1457	26.6
21	48.0	97	1322	24.1
22	58.0	122	1225	22.4
23	71.0	137	1103	20.1
24	86	84	966	17.6
25	100	188	882	16.1
26	130	96	694	12.6
27	150	130	598	10.9
28	190	119	468	8.5
29	230	74	349	6.3
30	270	95	275	5.0
31	330	99	180	3.2
32	400	66	81	1.4
33	490	13	15	.2
34	590	2	2	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1913	2.00 11	2.00 11	2.00 11	2.10 11	3.00 12	4.10 11	7.20 13	12.00 15	11.00 15
1914	3.00 15	3.00 15	4.40 15	6.30 16	7.60 16	11.00 16	13.00 16	16.00 16	19.00 16
1915	5.00 16	5.00 16	5.00 16	5.00 15	5.50 15	6.00 15	7.90 15	9.40 14	9.20 13
1916	1.50 9	1.50 9	1.50 8	1.50 8	1.50 7	1.50 6	3.00 7	4.60 8	7.50 10
1917	1.40 8	1.40 8	1.50 9	1.60 9	1.90 9	3.00 9	5.70 10	7.30 10	7.20 9
1918	2.80 12	2.80 12	2.90 12	3.40 13	4.00 13	4.80 13	6.20 12	8.00 12	10.00 14
1919	1.00 5	1.00 5	1.00 5	1.20 7	1.70 8	1.90 7	2.60 6	4.00 6	4.30 4
1920	1.00 6	1.00 6	1.00 6	1.00 5	1.00 4	1.30 5	1.60 4	1.80 3	3.10 3
1921	1.00 7	1.00 7	1.00 7	1.00 6	1.00 5	1.00 3	1.30 3	3.60 4	7.10 8
1922	0.00 1	0.00 1	0.00 1	0.00 1	1.50 6	4.30 12	5.90 11	7.80 11	8.10 11
1923	2.00 10	2.00 10	2.00 10	2.00 10	2.00 10	2.80 8	3.90 8	4.60 7	6.30 6
1924	3.00 13	3.00 13	3.30 14	3.50 14	4.70 14	5.50 14	7.30 14	8.10 13	8.40 12
1925	0.00 2	0.00 2	0.00 2	0.00 2	0.00 1	0.38 1	0.59 1	1.00 1	2.00 1
1926	3.00 14	3.00 14	3.00 13	3.00 12	3.00 11	3.70 10	4.60 9	5.10 9	5.40 5
1927	1.00 3	1.00 3	1.00 3	1.00 3	1.00 2	1.00 2	1.10 2	1.40 2	2.40 2
1928	1.00 4	1.00 4	1.00 4	1.00 4	1.00 3	1.20 4	2.50 5	4.00 5	6.40 7

10315000 MARYS RIVER NEAR DEETH, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1913	205.0 11	195.0 11	179.0 11	175.0 11	153.0 11	139.0 10	122.0 10	104.0 10	76.0 9
1914	402.0 6	402.0 6	402.0 4	401.0 3	364.0 3	335.0 3	284.0 2	232.0 2	163.0 2
1915	94.0 15	87.0 15	84.0 14	80.0 14	70.0 15	52.0 15	47.0 14	40.0 14	30.0 14
1916	381.0 7	381.0 7	346.0 7	314.0 7	284.0 7	251.0 7	214.0 5	182.0 5	128.0 5
1917	420.0 4	413.0 4	401.0 5	374.0 4	356.0 4	326.0 4	272.0 3	221.0 3	149.0 3
1918	130.0 13	130.0 13	123.0 13	104.0 13	101.0 13	92.0 12	85.0 12	74.0 12	54.0 12
1919	286.0 8	275.0 8	269.0 8	244.0 8	224.0 8	183.0 8	143.0 8	110.0 8	74.0 10
1920	239.0 9	236.0 9	231.0 9	212.0 9	166.0 10	125.0 11	101.0 11	84.0 11	61.0 11
1921	530.0 2	526.0 2	500.0 2	462.0 2	441.0 2	369.0 1	309.0 1	269.0 1	187.0 1
1922	616.0 1	596.0 1	546.0 1	488.0 1	455.0 1	354.0 2	261.0 4	202.0 4	136.0 4
1923	223.0 10	219.0 10	210.0 10	201.0 10	180.0 9	148.0 9	129.0 9	109.0 9	79.0 8
1924	102.0 14	93.0 14	83.0 15	79.0 15	75.0 14	58.0 14	46.0 15	40.0 15	30.0 15
1925	410.0 5	402.0 5	388.0 6	345.0 5	312.0 6	264.0 5	198.0 6	156.0 6	106.0 6
1926	136.0 12	136.0 12	132.0 12	131.0 12	125.0 12	85.0 13	65.0 13	51.0 13	35.0 13
1927	428.0 3	421.0 3	403.0 3	327.0 6	325.0 5	252.0 6	194.0 7	154.0 7	105.0 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.66	11.1	10.4	9.83	16.7	55.1	155	212	116	22.7	5.47	3.28
28.7	44.9	26.1	47.4	154	1686	6760	14570	9237	308	23.6	8.03
5.36	6.70	5.11	6.89	12.4	41.1	82.2	121	96.1	17.5	4.86	2.83
0.76	0.93	1.39	1.21	2.03	1.47	0.79	0.31	0.77	0.96	1.28	1.27
0.70	0.60	0.49	0.70	0.74	0.75	0.53	0.57	0.83	0.77	0.89	0.86
1.23	1.78	1.66	1.57	2.67	8.81	24.8	34.0	18.5	3.63	0.88	0.53

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
50.9	677	26.0	0.41	0.51	-0.198

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.76	0.97	0.97	0.89	1.12	1.65	2.13	2.24	1.85	1.20	0.56	0.35
0.13	0.08	0.04	0.09	0.11	0.08	0.06	0.10	0.26	0.18	0.19	0.17
0.37	0.29	0.19	0.31	0.33	0.28	0.24	0.32	0.51	0.43	0.44	0.41
-0.55	-0.39	0.50	0.04	-0.48	0.58	-0.05	-0.88	-0.79	-0.76	-0.27	-0.39
0.48	0.30	0.20	0.34	0.29	0.17	0.11	0.14	0.28	0.36	0.78	1.16
5.18	6.58	6.63	6.08	7.60	11.2	14.5	15.2	12.6	8.16	3.81	2.42

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.65	0.06	0.25	-0.36	0.15	-0.281

10315000 MARYS RIVER NEAR DEETH, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1912	439.0	1917	420.0	1921	530.0	1925	410.0
1913	205.0	1918	130.0	1922	616.0	1926	136.0
1914	402.0	1919	286.0	1923	223.0	1927	428.0
1915	94.0	1920	239.0	1924	102.0	1928	350.0
1916	381.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.4398	2.4398
STANDARD DEVIATION	0.2543	0.2543
SKEW COEFFICIENTS		
STATION	-0.6346	-0.6346
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	17	17
PERIOD (YEARS)	17	17

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	43.2	57.7	43.3	28.7	86.8
0.9900	54.1	67.5	53.8	35.7	98.7
0.9500	95.7	103.4	93.7	63.6	140.2
0.9000	126.3	129.2	120.5	85.5	169.7
0.8000	172.7	168.7	162.9	120.7	215.4
0.5000	292.8	278.0	278.0	218.0	355.2
0.2000	454.8	451.9	466.9	353.8	632.5
0.1000	554.2	579.3	616.9	441.8	871.6
0.0400	668.4	752.0	829.7	552.1	1233.2
0.0200	745.3	888.0	1019.1	634.1	1544.0
0.0100	815.7	1029.8	1248.2	716.2	1889.1

10315500 MARYS RIVER ABOVE HOT SPRINGS CREEK, NEAR DEETH, NV

LOCATION.--Lat 41°15'10", long 115°15'20", in NE¼SE¼ sec.24, T.39 N., R.59 E., Elko County, Hydrologic Unit 16040101, on right bank 1 mi (2 km) upstream from Hot Springs Creek, 7 mi (11 km) north of Cross Ranch, and 13 mi (21 km) north of Deeth.

DRAINAGE AREA.--415 mi^2 (1,075 km^2).

REMARKS.--Several diversions for irrigation of 7,150 acres (28.9 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1944		6		10		31	8	11	5	8	7	11	8	3	10	55	19	32	13	3	12	15	12	22	20	27	14	4							
1945						1	7	23	16	25	17	12	8	10	15	52	6	7	25	8	4	8	36	10	4	3	10	29	13	5	11				
1946						5	10	18	18	6	12	8	7	23	4	13	25	31	53	7	5	5	20	17	17	22	9	13	6	11					
1947				23	16	12	10	4	7	5	13	8	3	7	9	23	34	29	24	17	25	15	39	29	3	7	3								
1948		11	21	6	6	7	8	6	13	13	8	30	5	3	2	16	71	17	22	18	6	8	9	11	18	15	13	3							
1949		1	21	13	3	11	14	10	12	13	16	18	10	6	54	41	8	6	8	4	8	10	11	7	6	5	17	12	13	7					
1950		6	3	3		4	7	7	9	17	26	15	12	21	17	17	15	10	18	20	14	20	18	9	20	15	8	14	16	4					
1951						1	15	13	6	18	10	15	16	32	3	4	6	18	22	26	25	16	14	16	12	15	7	16	31	8					
1952							20	16	4	15	20	8	8	15	12	43	49	24	17	11	4	3	3	5	12	8	3	10	10	16	9	8	13		
1953						25		11	14	23	11	6	6	3	18	18	34	15	21	25	16	20	10	14	25	14	15	16	5						
1954				29	11	14	6	5	6	9	13	4	14	17	8	47	39	23	14	27	29	18	21	8	3										
1955		16	12	13	11	5	12	5	4	13	23	48	37	15	7	11	14	8	24	12	20	6	8	10	12	19									
1956				3	28	20	12	13	14	8	15	26	11	7	6	3	4	8	27	34	16	11	8	5	6	17	19	29	11	3	2				
1957					22	28	3	15	8	6	7	11	4	15	46	43	8	3	2	3	9	25	25	12	21	8	6	11	22	2					
1958					19	23	18	8	5	3	10	15	11	35	34	23	14	5	2	10	17	5	22	22	9	9	8	8	21	9					
1959				13	30	8	13	14	9	11	15	16	11	15	9	11	55	19	14	22	4	8	39	24	5										
1960					9	39	20	16	9	4	15	13	13	55	19	12	30	4	4	8	5	6	2	17	29	23	6	8								
1961				11	8	45	16	20	13	12	9	19	53	18	5	4	16	23	2	13	15	20	34	8	1										
1962								18	34	14	13	23	37	24	3	18	17	7	6	9	16	4	10	9	4	8	27	47	13	1		1	1	1	
1963						4	7	21	20	6	19	29	12	41	27	5	5	23	32	24	13	10	6	9	9	10	15	18							
1964								17	24	36	9	8	5	12	42	79	18	7	6	3	4	4	15	20	34	22	1								
1965										8	13	9	7	20	22	35	14	8	14	20	24	53	15	22	22	10	16	20	13						
1966						6	26	14	9	22	6	3	3	2	6	13	107	43	21	7	19	15	15	9	7	12									
1967						1	7	3	12	29	33	24	17	40	21	3	22	12	8	15	7	28	30	2	9	21	9	9	3						
1968								16	9	31	27	38	32	24	24	12	6	13	5	14	24	38	31	16	6										
1969								17	14	21	6	7	16	7	9	19	32	41	52	11	11	5	6	15	9	4	5	9	16	21	12				
1970								2	10	19	20	7	8	6	17	24	44	11	6	6	16	51	41	14	8	23	5	4	12	11					
1971						5	3	3	12	9	3	3	10	4	6	15	25	37	24	19	8	9	24	28	14	21	27	10	19	25	2				
1972										24	17	12	10	5	7	13	19	50	37	20	9	18	8	6	3	20	29	19	30	10					
1973								30	16	3	2	2	10	8	3	5	38	45	55	16	7	9	31	20	12	25	18	6	4						
1974							6	40	6	10	11	8	14	8	4	3	8	41	70	12	2	4	7	9	9	11	29	30	14	7	2				
1975							1	4	24	22	10	2	2	6	25	55	32	12	10	10	14	26	13	12	5	22	10	8	3	16	9	12			
1976								13	6	10	13	11	9	9	15	10	19	80	25	25	9	7	27	12	8	34	11	13							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12054	100.0	12	4.7	434	8971	74.4	24	110	368	2094	17.3
1	0.10	40	12054	100.0	13	6.1	496	8537	70.8	25	140	474	1726	14.3
2	0.30	57	12014	99.7	14	8.0	477	8041	66.7	26	190	355	1252	10.3
3	0.40	124	11957	99.2	15	10.0	695	7564	62.8	27	240	363	897	7.4
4	0.60	163	11833	98.2	16	13.0	935	6869	57.0	28	320	282	534	4.4
5	0.70	295	11670	96.8	17	18.0	729	5934	49.2	29	410	169	252	2.0
6	1.00	249	11375	94.4	18	23.0	678	5205	43.2	30	540	47	83	.6
7	1.30	396	11126	92.3	19	30.0	476	4527	37.6	31	700	21	36	.2
8	1.60	361	10730	89.0	20	39.0	412	4051	33.6	32	910	14	15	.1
9	2.10	453	10369	86.0	21	50.0	471	3639	30.2	33	1200	1	1	
10	2.80	471	9916	82.3	22	65.0	637	3168	26.3	34				
11	3.60	474	9445	78.4	23	85.0	437	2531	21.0					

10315500 MARYS RIVER ABOVE HOT SPRINGS CREEK, NEAR DEETH, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1945	0.20 1	0.20 1	0.23 4	0.35 5	0.54 7	0.74 8	1.30 12	2.00 9	4.90 14
1946	1.20 24	1.20 23	1.20 23	1.30 23	1.50 22	2.10 25	3.50 26	6.40 27	11.00 24
1947	0.80 16	0.87 17	0.96 17	1.10 16	1.20 16	1.60 16	2.70 21	5.00 25	11.00 25
1948	0.40 9	0.40 9	0.40 6	0.40 6	0.47 5	0.67 5	1.00 7	1.60 5	4.30 8
1949	0.20 2	0.20 2	0.20 1	0.22 2	0.26 2	0.51 2	0.94 3	1.60 6	3.70 6
1950	0.20 3	0.27 5	0.29 5	0.31 3	0.34 3	0.58 3	0.99 5	1.70 7	4.10 7
1951	0.20 4	0.20 3	0.21 3	0.35 4	0.97 14	1.90 21	2.80 22	4.00 22	13.00 26
1952	0.90 19	1.00 20	1.10 19	1.10 17	1.30 20	1.80 20	2.30 18	3.40 15	6.10 16
1953	1.00 21	1.10 21	1.10 20	1.20 19	1.20 17	1.60 17	2.20 17	3.70 19	7.30 20
1954	0.80 17	0.80 14	0.80 14	0.80 14	0.86 13	1.30 14	1.90 15	3.50 16	6.60 18
1955	0.40 10	0.40 6	0.43 7	0.45 7	0.47 4	0.63 4	1.10 8	1.70 8	2.80 3
1956	0.20 5	0.20 4	0.20 2	0.21 1	0.25 1	0.41 1	0.60 1	1.20 1	4.80 12
1957	0.40 6	0.47 10	0.56 10	0.64 13	0.68 10	1.00 12	1.30 9	2.10 10	4.50 9
1958	0.60 11	0.60 11	0.60 11	0.63 11	0.69 11	0.77 9	1.30 10	2.50 13	4.60 10
1959	0.60 12	0.60 12	0.60 12	0.60 10	0.66 9	0.84 11	1.30 11	2.10 11	4.80 13
1960	0.40 7	0.40 7	0.44 8	0.49 8	0.54 6	0.69 6	0.94 4	1.50 4	3.30 4
1961	0.60 13	0.60 13	0.60 13	0.64 12	0.70 12	0.83 10	1.00 6	1.40 3	2.60 2
1962	0.40 8	0.40 8	0.44 9	0.49 9	0.58 8	0.70 7	0.88 2	1.20 2	2.40 1
1963	1.50 29	1.50 29	1.50 27	1.50 26	1.60 25	2.10 22	2.60 20	3.70 20	5.20 15
1964	0.80 14	0.83 15	0.93 16	1.10 18	1.30 18	1.60 18	2.00 16	3.60 17	6.80 19
1965	1.90 30	1.90 30	2.00 30	2.20 31	2.30 30	2.70 26	3.40 25	4.80 23	14.00 28
1966	9.50 32	9.50 32	10.00 32	11.00 32	13.00 32	14.00 32	16.00 32	16.00 32	16.00 29
1967	0.90 20	0.90 18	0.91 15	0.96 15	1.00 15	1.30 13	1.80 13	2.20 12	3.50 5
1968	0.80 15	0.97 19	1.10 21	1.30 20	1.60 26	2.10 23	2.50 19	3.40 14	4.60 11
1969	1.30 25	1.40 27	1.40 26	1.50 27	1.70 27	2.70 27	2.80 23	3.70 21	7.70 21
1970	1.30 26	1.30 24	1.30 24	1.40 24	1.50 23	2.10 24	3.70 27	6.20 26	8.90 22
1971	1.30 27	1.50 28	1.70 29	1.90 29	2.30 28	3.40 29	6.10 29	9.80 29	16.00 30
1972	0.82 18	0.86 16	0.97 18	1.30 21	1.60 24	5.00 31	8.90 30	12.00 30	16.00 31
1973	2.10 31	2.10 31	2.10 31	2.20 30	2.50 31	3.20 28	5.00 28	8.80 28	13.00 27
1974	1.30 28	1.30 25	1.40 25	1.40 25	1.40 21	1.80 19	2.80 24	5.00 24	11.00 23
1975	1.20 22	1.20 22	1.20 22	1.30 22	1.30 19	1.50 15	1.80 14	3.60 18	6.30 17
1976	1.20 23	1.40 26	1.60 28	1.80 28	2.30 29	4.60 30	9.10 31	12.00 31	16.00 32

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1944	301.0 21	282.0 21	251.0 23	210.0 24	174.0 25	172.0 23	147.0 22	125.0 22	90.0 21
1945	663.0 4	650.0 4	634.0 4	570.0 3	444.0 5	372.0 5	294.0 5	239.0 6	168.0 8
1946	499.0 11	489.0 11	454.0 12	439.0 6	365.0 10	271.0 13	218.0 13	183.0 13	130.0 13
1947	195.0 27	189.0 27	186.0 27	156.0 27	121.0 28	105.0 28	93.0 27	82.0 27	60.0 27
1948	254.0 26	239.0 25	223.0 25	215.0 23	195.0 23	155.0 26	121.0 26	98.0 26	70.0 26
1949	441.0 16	434.0 16	422.0 15	377.0 16	337.0 14	271.0 14	204.0 17	160.0 17	108.0 18
1950	441.0 17	422.0 17	391.0 16	382.0 14	324.0 15	260.0 17	212.0 14	174.0 14	126.0 15
1951	447.0 14	444.0 14	437.0 13	418.0 9	377.0 7	342.0 6	271.0 8	219.0 10	162.0 10
1952	1180.0 2	1110.0 2	1040.0 1	976.0 1	833.0 1	623.0 1	471.0 1	366.0 1	246.0 1
1953	392.0 18	368.0 18	327.0 18	307.0 18	270.0 18	209.0 18	178.0 18	151.0 18	111.0 17
1954	122.0 32	115.0 32	102.0 32	85.0 33	76.0 33	65.0 33	58.0 33	51.0 32	39.0 32
1955	185.0 28	182.0 28	164.0 28	153.0 28	141.0 27	110.0 27	86.0 28	71.0 28	49.0 28
1956	580.0 7	545.0 7	474.0 8	381.0 15	305.0 16	287.0 10	247.0 11	197.0 11	141.0 11
1957	498.0 12	446.0 13	384.0 17	363.0 17	350.0 12	266.0 16	208.0 15	172.0 15	123.0 16
1958	496.0 13	488.0 12	469.0 9	418.0 10	375.0 8	296.0 9	227.0 12	184.0 12	130.0 14
1959	123.0 31	116.0 31	104.0 31	93.0 31	91.0 31	83.0 30	76.0 29	64.0 30	47.0 30
1960	271.0 24	263.0 24	249.0 24	208.0 25	169.0 26	158.0 25	142.0 25	113.0 25	78.0 25
1961	111.0 33	107.0 33	100.0 33	88.0 32	80.0 32	71.0 32	62.0 32	51.0 33	37.0 33
1962	2690.0 1	1490.0 1	784.0 2	406.0 12	304.0 17	285.0 11	265.0 10	234.0 8	183.0 5
1963	295.0 22	281.0 22	268.0 22	265.0 21	245.0 19	190.0 21	143.0 23	114.0 24	84.0 24
1964	255.0 25	235.0 26	212.0 26	204.0 26	189.0 24	163.0 24	156.0 21	128.0 21	89.0 22
1965	512.0 9	494.0 10	455.0 11	411.0 11	364.0 11	334.0 7	271.0 9	225.0 9	174.0 7
1966	166.0 29	160.0 29	151.0 29	146.0 29	118.0 29	90.0 29	75.0 30	61.0 31	45.0 31
1967	354.0 20	339.0 20	321.0 19	280.0 19	234.0 20	181.0 22	143.0 24	121.0 23	86.0 23
1968	132.0 30	127.0 30	112.0 30	99.0 30	95.0 30	79.0 31	70.0 31	65.0 29	49.0 29
1969	649.0 5	619.0 5	580.0 5	519.0 4	479.0 3	431.0 3	328.0 3	258.0 5	178.0 6
1970	512.0 10	500.0 9	467.0 10	430.0 8	373.0 9	267.0 15	205.0 16	171.0 16	133.0 12
1971	546.0 8	535.0 8	490.0 7	457.0 5	454.0 4	382.0 4	324.0 4	271.0 3	209.0 2
1972	442.0 15	436.0 15	424.0 14	387.0 13	338.0 13	283.0 12	290.0 6	260.0 4	185.0 4
1973	357.0 19	346.0 19	321.0 20	273.0 20	234.0 21	198.0 19	161.0 19	140.0 19	103.0 19
1974	601.0 6	578.0 6	519.0 6	432.0 7	379.0 6	308.0 8	280.0 7	237.0 7	164.0 9
1975	845.0 3	837.0 3	783.0 3	646.0 2	643.0 2	470.0 2	362.0 2	287.0 2	202.0 3
1976	288.0 23	279.0 23	269.0 21	254.0 22	217.0 22	190.0 20	156.0 20	134.0 20	97.0 20

10315950 SECRET CREEK TRIBUTARY NEAR ARTHUR, NV

LOCATION.--Lat 40°52'00", long 115°15'40", in S½SE¼ sec.36, T.35 N., R.59 E., Elko County, Hydrologic Unit 16040101, at culvert on State Highway 11, 6 mi (10 km) northwest of Arthur.

DRAINAGE AREA.--3 mi^2 (8 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	25.0	1970	22.0	1973	36.0	1975	37.0
1968	20.0	1971	31.0	1974	8.0	1976	8.0
1969	27.0	1972	42.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3518	1.3518
STANDARD DEVIATION	0.2573	0.2573
SKEW COEFFICIENTS		
STATION	-1.1325	-1.1325
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	2.7	4.6	2.6	1.6	7.7
0.9900	3.6	5.4	3.6	2.0	8.8
0.9500	7.3	8.3	7.0	4.0	12.3
0.9000	10.2	10.5	9.3	5.6	14.8
0.8000	14.5	13.7	12.9	8.4	18.8
0.5000	25.1	22.7	22.7	16.3	31.8
0.2000	37.1	37.1	39.3	27.0	60.8
0.1000	43.1	47.7	53.2	33.8	88.0
0.0400	48.9	62.1	74.3	42.0	131.7
0.0200	52.0	73.5	95.3	48.0	171.1
0.0100	54.5	85.4	121.3	54.0	216.5

10316000 SECRET CREEK NEAR HALLECK, NV

LOCATION.--Lat 40°52'00", long 115°16'20", in NE¼NW¼ sec.1, T.34 N., R.59 E., Elko County, Hydrologic Unit 16040101, 0.5 mi (0.8 km) downstream from Dorsey Creek, and 11 mi (18 km) southeast of Halleck.

DRAINAGE AREA.--Not determined.

REMARKS.--Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1918		1		4		1	6	17	8	13	17	22	36	92	29	11	26	5	17	8	25	15	5	7											
1919								98			55		64	38	18	5	9	4	8	3	9	6	7	13	10	10	7	1							
1921											5		58	16	19	44	47	3	27	14	8	5	4	3	5	9	12	9	20	28	6	15	5	3	
1922								11			47		69	96	17	10	14	2	15	5	5	10	6	2		4	5	11	14	5	3	2	7	4	1
1923											15		69	96	56	19	5	1	5	3	3	5	9	15	35	15	7	7							
1924								30			35		44	89	29	26	16	8	20	8	3	7	12	21	8	3	5		2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2191	100.0	12	3.0	340	1806	82.4	24	36	58	278	12.6
1	0.20	1	2191	100.0	13	3.6	427	1466	66.9	25	44	41	220	10.0
2	0.40	0	2190	100.0	14	4.5	168	1039	47.4	26	54	36	179	8.1
3	0.50	4	2190	100.0	15	5.5	115	871	39.8	27	67	28	143	6.5
4	0.60	0	2186	99.8	16	6.8	117	756	34.5	28	83	36	115	5.2
5	0.70	1	2186	99.8	17	8.4	23	639	29.2	29	100	33	79	3.6
6	0.80	6	2185	99.7	18	10.0	92	616	28.1	30	130	9	46	2.0
7	1.00	156	2179	99.5	19	13.0	41	524	23.9	31	150	17	37	1.6
8	1.30	8	2023	92.3	20	16.0	53	483	22.0	32	190	12	20	.9
9	1.60	13	2015	92.0	21	19.0	48	430	19.6	33	230	7	8	.3
10	2.00	174	2002	91.4	22	24.0	43	382	17.4	34	290	1	1	
11	2.40	22	1828	83.4	23	29.0	61	339	15.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1919	0.30	1	0.53	1	0.69	1	0.96	1	1.00	1	1.40	1	1.90	1	2.30	1	2.40	1
1921	1.00	2	1.00	2	1.00	2	1.30	2	1.40	2	2.00	2	2.40	2	3.10	3	4.40	5
1922	1.00	3	1.00	3	1.00	3	1.40	3	2.20	4	2.90	4	3.20	4	3.50	4	3.50	3
1923	2.00	4	2.00	4	2.00	4	2.00	4	2.00	3	2.00	3	2.40	3	2.90	2	3.40	2
1924	3.00	5	3.00	5	3.00	5	3.00	5	3.10	5	3.90	5	4.10	5	4.20	5	4.20	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1918	32.0	6	30.0	6	27.0	6	26.0	6	23.0	6	20.0	6	16.0	6	14.0	6	11.0	6
1919	72.0	5	62.0	5	58.0	5	47.0	5	45.0	4	36.0	4	27.0	4	22.0	5	15.0	5
1921	288.0	2	229.0	2	213.0	2	190.0	2	161.0	1	136.0	1	117.0	1	101.0	1	70.0	1
1922	300.0	1	253.0	1	235.0	1	214.0	1	157.0	2	112.0	2	81.0	2	62.0	2	42.0	2
1923	80.0	4	77.0	4	70.0	3	60.0	3	51.0	3	47.0	3	42.0	3	34.0	3	24.0	3
1924	90.0	3	80.0	3	64.0	4	50.0	4	43.0	5	35.0	5	26.0	5	22.0	4	16.0	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.59	4.44	4.34	4.10	6.26	18.3	50.9	64.3	36.1	5.46	2.34	2.25
0.86	0.52	2.11	5.26	14.4	473	574	2955	920	10.00	1.41	0.88
0.93	0.72	1.45	2.29	3.79	21.7	24.0	54.4	30.3	3.16	1.19	0.94
0.65	0.98	0.89	1.16	1.15	2.55	1.23	0.93	0.47	0.13	0.66	-0.22
0.26	0.16	0.33	0.56	0.61	1.19	0.47	0.85	0.84	0.58	0.51	0.42
1.77	2.20	2.14	2.03	3.09	9.06	25.2	31.8	17.8	2.70	1.16	1.11

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
16.6	141	11.9	1.43	0.72	0.982

10316000 SECRET CREEK NEAR HALLECK, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.54	0.64	0.62	0.55	0.74	1.11	1.67	1.67	1.35	0.65	0.32	0.31
0.01	0.00	0.02	0.06	0.06	0.12	0.04	0.15	0.25	0.10	0.05	0.04
0.11	0.07	0.15	0.25	0.24	0.34	0.20	0.39	0.50	0.32	0.23	0.21
0.37	0.56	-0.20	-0.21	0.31	1.85	0.07	0.20	-0.34	-0.73	-0.06	-0.75
0.20	0.11	0.24	0.45	0.33	0.31	0.12	0.23	0.37	0.48	0.72	0.68
5.34	6.32	6.07	5.46	7.24	10.9	16.4	16.4	13.3	6.41	3.13	3.06

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.14	0.08	0.28	0.73	0.25	0.942

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1917	170.0	1919	76.0	1921	375.0	1923	105.0
1918	32.0	1920	112.0	1922	300.0	1924	122.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1030	2.1030
STANDARD DEVIATION	0.3369	0.3369
SKEW COEFFICIENTS		
STATION	-0.3312	-0.3312
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	8	8

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	13.5	16.0	6.0	2.8	33.5
0.9900	17.3	19.7	9.4	4.1	39.1
0.9500	33.0	34.6	25.6	10.7	60.4
0.9000	45.8	46.5	38.2	17.4	76.9
0.8000	67.0	66.3	59.8	30.7	104.8
0.5000	132.3	128.4	128.4	77.9	212.9
0.2000	245.8	244.4	268.9	154.4	530.0
0.1000	332.0	339.7	406.1	206.2	897.4
0.0400	449.6	479.9	660.2	273.2	1595.3
0.0200	541.8	598.2	947.7	324.5	2319.2
0.0100	637.0	727.8	1344.4	376.9	3246.8

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV

LOCATION.--Lat 40°41'30", long 115°28'30", in NE¼ sec.6, T.32 N., R.58 E., Elko County, Hydrologic Unit 16040101, in Humboldt National Forest, on left bank 600 ft (180 m) upstream from Lamoille Creek bridge, at mouth of canyon, upstream from McDermitt ditch, and 3 mi (5 km) south of Lamoille.

DRAINAGE AREA.--25 mi^2 (65 km^2), approximately.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1916			3	27	29	44	33	4	9	27	11	6	12	5	5	24	5	8	11	4	6	2	11	20	8	11	11	11	13	6					
1917			31		19		23	32	14	14	31	17	18	16	16	15	11	12	8	4	5	3		11	12	7	5	3	5	4	13	6	5	4	1
1918			16		43		54	37	48	37	18	6	3	5	5	6	4	4	3	3	7	5	22	14	3	2	2	4	11	3					
1919					14		43	29	60	15	32	31	26	3	6	13	4	7	7	4	5	6	4	9	6	3	8	10	8	6	6				
1920					62		32	43	27	29	10	41	8	4	4	5	6	7	4	5	6	6	9	4	3	6	7	2	3	11	16	6			
1921								1	10	20	93	52	7	4	10	31		9	17	14	7	4	2	6	5	3	6	9	16	5	30	1	3		
1922			10		50		44	34	28	35	17	20	9	3	4	6	3	6	8	5	3	4	10	7	6	3	12	4	14	11	4	5			
1944							36	64	29	71	17	14	15	6	10	6	4	4	6	2	2	2	3	4	4	7	12	16	15	12	5				
1945							12	89	66	11	21	16	12	8	4	5	6	7	6	5	3	4	4	2	4	11	8	9	20	20	6	3	3		
1946								22	70	82	24	15	13	15	6	5	3	3	2	4	8	4	6	2	8	11	21	16	15	9	1				
1947									18	74	50	69	16	5	9	15	6	3	5	5	13	3	3	4	4	15	17	16	12	3					
1948							5	10	71	65	78	14	6	4	6	11	13	3	4	7	3	4	4	6	3	4	10	10	5	13	7				
1949						30	76	59	40	11	8	10	16	4	7	4	2	5	3	3	4	2	6	12	15	6	15	7	8	11	1				
1950					2	10	38	60	31	43	12	19	15	9	8	5	1	9	10	13	3	5	3	3	4	4	2	9	10	14	13	7	3		
1951								4	9	44	38	39	70	18	10	6	5	3	3	3	5	5	20	16	8	9	3	5	18	7	4	7	3	3	
1952						10	34	103	22	19	15	10	8	10	11	4	4	4	7	3	2	4	7	5	12	8	26	10	11	2	6	9			
1953					53	49	37	40	14	12	8	20	10	4	6	4	4	3	13	10	9	11	9	3	4	5	2	5	17	13					
1954						34	101	59	10	27	17	6	7	6	4	3	4	4	5	3	13	14	6	8	11	5	9	5	4					
1955				28	85	66	13	26	13	9	14	7	7	7	4	6	3	2	8	4	10	.6	6	7	9	7	5	4	4	4	1				
1956					3	46	24	9	30	39	35	14	17	12	9	9	9	5	3	2	2	12	9	19	2	2	7	6	9	8	10	13	1		
1957						25	43	65	44	10	22	12	17	7	4	10	4	6	3	2	4	4	7	12	7	6	4	9	9	8	7	7	4	2	1
1958							1	27	75	55	51	16	8	4	4	10	5	13	13	4	4	3	4	5	10	6	8	11	9	6	3	5	5		
1959				19	77	57	31	24	11	12	16	10	14	5	5	5	7	4	8	5	14	5	5	5	7	5	5	9							
1960						49	55	36	14	18	25	21	20	9	9	7	4	4	26	7	5	3	5	6	9	3	4	8	12	5	2				
1961				2	13	47	68	61	22	11	8	14	19	4	6	12	4	3	5	3	7	12	3	3	2	4	8	8	7	9					
1962						7	41	81	6	49	19	10	7	8	12	7	4	3	5	3	4	5	13	8	12	9	7	13	12	5	8	7			
1963		2	1	4	26	72	34	28	17	36	12	10	6	6	1	5	9	6	4	4	4	5	10	3	4	2	4	13	13	5	12	6	1		
1964					1	8	47	78	44	25	15	10	7	13	7	7	8	10	5	6	4	1	3	3	3	2	4	8	17	10	14	6			
1965						3	16	31	20	14	4	40	80	12	7	6	4	5	5	6	9	10	6	11	7	7	10	18	8	14	5	7			
1966						5	24	45	47	33	47	30	20	6	8	7	3	7	16	9	9	12	5	3	10	10	5	4							
1967					1	6	22	111	21	5	2	23	43	17	8	9	6	7	1	4	4	5	3	2	2	1	4	9	16	4	5	14	9	1	
1968					1	6	47	35	36	45	6	10	25	26	17	11	13	6	2	4	2	6	10	6	5	11	3	2	5	11	9	6			
1969								16	57	63	64	17	10	4	7	6	6	4	6	12	4	3	13	7	13	3	13	5	9	10	13				
1970							10	34	42	54	47	16	15	11	12	16	6	5	6	12	4	1	4	3	2	1	10	8	8	9	11	4	7	6	1
1971									2	35	43	96	36	14	7	5	3	9	10	10	5	9	7	5	9	13	11	8	8	1	6	7	6		
1972						1	15	32	56	41	42	17	11	10	10	35	6	6	4	5	8	2	4	4	9	8	9	5	10	3	3	8	2		
1973							29	23	53	45	37	27	23	9	6	18	3	4	4	7	6	3	9	4	3	5	10	4	9	6	8	7	2	1	
1974							19	68	86	25	6	6	6	29	11	7	4	5	9	5	6	7	3	4	7	6	11	8	8	10	9				
1975					4	22	42	75	46	18	16	12	9	5	6	7	5	4	6	3	5	3		6	10	6	9	6	6	5	7	16	5	1	
1976										80	98	36	21	13	7	7	11	7	7	3	6	2	5	9	6	10	6	7	19	6					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14611	100.0	12	11.0	675	5938	40.6	24	92	270	2336	15.9
1	1.50	2	14611	100.0	13	13.0	356	5263	36.0	25	110	232	2066	14.1
2	1.80	61	14609	100.0	14	15.0	296	4907	33.6	26	130	341	1834	12.5
3	2.10	82	14548	99.6	15	18.0	380	4611	31.6	27	160	350	1493	10.2
4	2.60	493	14466	99.0	16	22.0	206	4231	29.0	28	190	386	1143	7.8
5	3.10	654	13973	95.6	17	26.0	210	4025	27.5	29	230	292	757	5.1
6	3.70	1230	13319	91.2	18	31.0	282	3815	26.1	30	270	249	465	3.1
7	4.40	1511	12089	82.7	19	38.0	217	3533	24.2	31	320	141	216	1.4
8	5.30	1344	10578	72.4	20	45.0	240	3316	22.7	32	390	52	75	.5
9	6.30	1277	9234	63.2	21	54.0	220	3076	21.1	33	460	20	23	.1
10	7.50	1147	7957	54.5	22	64.0	256	2856	19.5	34	550	3	3	
11	9.00	872	6810	46.6	23	77.0	264	2600	17.8					

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1917	2.00 2	2.00 2	2.00 1	2.00 1	2.00 1	2.70 3	3.20 4	3.90 12	7.20 32
1918	2.00 3	2.00 3	2.10 3	2.60 6	2.60 3	2.90 4	3.20 5	3.50 4	4.60 13
1919	3.00 15	3.00 12	3.00 10	3.30 15	3.70 18	4.70 25	5.10 25	5.60 27	6.50 26
1920	3.00 16	3.00 13	3.00 11	3.00 9	3.00 8	3.00 5	3.30 6	3.70 8	4.40 9
1921	5.00 36	5.70 38	6.10 38	6.70 38	7.20 37	7.60 38	7.70 38	8.00 37	8.10 36
1922	2.00 4	2.00 4	2.00 2	2.40 3	2.80 6	3.10 8	3.30 7	3.60 5	4.50 10
1923	3.00 17	3.00 14	3.00 12	3.00 10	3.10 9	3.50 11	3.70 12	3.80 9	3.90 6
1945	4.00 28	4.00 28	4.00 27	4.10 25	4.40 25	4.50 23	4.60 23	4.80 23	5.10 20
1946	4.80 35	4.90 35	4.90 32	5.10 33	5.30 32	5.30 31	5.70 31	6.00 32	6.50 27
1947	5.50 37	5.50 36	5.90 37	6.40 37	6.70 36	6.90 36	7.30 35	7.90 36	8.10 37
1948	4.20 33	4.50 32	5.20 34	5.50 35	5.80 35	6.10 34	6.50 34	6.80 34	7.20 33
1949	3.20 18	3.50 21	3.50 20	3.50 19	3.50 15	3.70 15	3.80 13	4.00 13	4.40 7
1950	2.90 14	3.10 15	3.20 16	3.40 16	3.90 21	4.20 20	4.50 22	4.70 22	4.90 18
1951	4.00 29	4.10 29	4.20 28	4.90 31	5.50 34	6.20 35	7.50 37	8.20 38	8.10 38
1952	3.40 24	3.50 22	3.60 22	3.80 23	4.10 24	4.30 22	4.30 20	4.40 18	4.80 16
1953	2.70 11	2.70 9	2.70 7	2.80 7	2.90 7	3.00 6	3.10 3	3.30 3	3.80 4
1954	3.30 21	3.50 23	3.70 23	3.70 21	3.80 19	3.90 18	4.00 17	4.10 15	4.50 11
1955	2.40 7	2.40 6	2.50 6	2.50 4	2.60 4	2.60 1	2.60 1	2.70 1	3.00 1
1956	2.80 12	2.90 10	3.10 13	3.20 11	3.20 11	3.50 12	3.80 14	4.40 19	5.60 22
1957	3.30 22	3.40 19	3.40 17	3.40 17	3.60 17	3.80 16	4.10 18	4.20 16	4.70 14
1958	4.00 30	4.70 33	5.20 35	5.30 34	5.40 33	5.50 32	5.70 32	5.90 29	6.60 28
1959	2.10 5	2.20 5	2.30 4	2.30 2	2.40 2	2.60 2	2.70 2	2.80 2	3.20 2
1960	3.50 25	3.50 20	3.50 21	3.50 18	3.50 16	3.60 13	3.60 11	4.00 14	5.70 23
1961	2.40 6	2.60 7	2.80 8	2.90 8	3.10 10	3.20 9	3.40 9	3.60 6	3.80 3
1962	3.20 19	3.20 17	3.40 18	3.70 22	4.00 22	4.20 21	4.40 21	4.40 20	4.70 15
1963	1.50 1	1.70 1	2.40 5	2.60 5	2.70 5	3.10 7	3.30 8	3.70 7	5.10 19
1964	2.60 10	3.20 18	3.40 19	3.60 20	3.90 20	4.10 19	4.20 19	4.40 21	4.90 17
1965	3.30 20	3.70 24	3.90 25	4.10 26	4.70 28	4.70 24	5.10 24	5.90 30	7.40 34
1966	4.00 31	4.20 30	4.40 31	4.60 29	4.90 30	5.10 30	5.40 29	5.90 31	7.10 29
1967	2.50 8	2.70 8	2.90 9	3.20 12	3.40 13	3.70 14	3.80 15	3.80 10	3.90 5
1968	2.50 9	3.10 16	3.10 14	3.20 13	3.30 12	3.50 10	3.50 10	3.90 11	4.60 12
1969	4.70 34	4.90 34	5.00 33	5.10 32	5.30 31	5.70 33	6.00 33	6.40 33	7.10 30
1970	3.80 26	3.90 26	4.00 26	4.30 27	4.60 27	5.00 28	5.40 30	5.40 24	6.10 24
1971	7.10 39	7.50 39	8.00 39	8.30 39	8.70 39	9.80 39	10.00 39	10.00 39	11.00 39
1972	3.40 23	4.00 27	4.20 29	4.30 28	4.50 26	4.90 26	5.20 26	5.40 25	6.40 25
1973	3.80 27	3.80 25	3.80 24	3.90 24	4.10 23	4.90 27	5.40 27	5.80 28	7.10 31
1974	4.10 32	4.20 31	4.30 30	4.80 30	4.80 29	5.10 29	5.40 28	5.50 26	5.50 21
1975	2.80 13	2.90 11	3.10 15	3.30 14	3.50 14	3.80 17	4.00 16	4.20 17	4.40 8
1976	5.60 38	5.70 37	5.70 36	6.00 36	7.30 38	7.30 37	7.40 36	7.60 35	7.90 35

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1916	259.0 34	249.0 34	234.0 35	224.0 31	199.0 31	156.0 33	136.0 26	112.0 26	79.0 24
1917	550.0 3	527.0 2	493.0 2	429.0 2	360.0 2	255.0 5	193.0 6	151.0 6	103.0 6
1918	252.0 36	245.0 36	229.0 36	216.0 33	167.0 36	121.0 36	94.0 36	73.0 36	50.0 36
1919	295.0 27	284.0 26	271.0 27	260.0 24	222.0 26	164.0 30	123.0 32	96.0 32	66.0 33
1920	356.0 20	349.0 20	325.0 20	302.0 15	290.0 10	217.0 15	162.0 17	126.0 20	86.0 21
1921	400.0 15	400.0 11	351.0 13	324.0 13	311.0 5	264.0 2	213.0 2	170.0 1	119.0 1
1922	373.0 18	362.0 16	334.0 18	294.0 19	261.0 18	202.0 19	156.0 23	123.0 22	83.0 23
1944	298.0 26	280.0 27	276.0 24	247.0 27	217.0 28	199.0 22	158.0 18	123.0 23	84.0 22
1945	451.0 7	415.0 10	373.0 9	321.0 14	279.0 11	227.0 11	201.0 4	160.0 4	109.0 4
1946	270.0 31	259.0 32	252.0 29	233.0 29	204.0 30	181.0 26	158.0 19	128.0 18	87.0 18
1947	250.0 37	243.0 37	221.0 37	198.0 37	187.0 35	165.0 29	133.0 29	107.0 27	74.0 27
1948	304.0 25	290.0 25	275.0 25	264.0 23	240.0 24	182.0 25	134.0 28	105.0 29	71.0 29
1949	279.0 28	268.0 29	238.0 33	206.0 36	193.0 33	167.0 27	135.0 27	106.0 28	72.0 28
1950	436.0 9	416.0 8	367.0 10	333.0 11	291.0 9	252.0 6	189.0 7	149.0 7	102.0 8
1951	426.0 10	423.0 7	384.0 8	296.0 18	262.0 17	201.0 20	158.0 20	131.0 15	89.0 15
1952	356.0 19	350.0 19	340.0 17	324.0 12	260.0 19	206.0 17	175.0 11	142.0 11	97.0 11
1953	268.0 32	259.0 33	251.0 30	242.0 28	222.0 27	163.0 31	124.0 31	100.0 30	69.0 30
1954	209.0 38	202.0 38	190.0 38	170.0 38	136.0 38	106.0 38	85.0 38	67.0 38	46.0 38
1955	275.0 29	267.0 30	247.0 31	207.0 34	162.0 37	117.0 37	88.0 37	69.0 37	47.0 37
1956	411.0 12	385.0 15	351.0 14	334.0 10	304.0 6	240.0 8	185.0 9	148.0 9	101.0 9
1957	577.0 1	542.0 1	471.0 4	371.0 5	319.0 4	243.0 7	187.0 8	147.0 10	100.0 10
1958	420.0 11	415.0 9	397.0 6	343.0 6	263.0 15	208.0 16	158.0 21	125.0 21	86.0 19
1959	186.0 39	177.0 40	170.0 39	158.0 39	121.0 40	91.0 39	69.0 40	54.0 40	38.0 40
1960	273.0 30	271.0 28	264.0 28	232.0 30	189.0 34	146.0 34	109.0 34	88.0 34	60.0 34

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1961	268.0 33	260.0 31	247.0 32	206.0 35	198.0 32	137.0 35	101.0 35	79.0 35	54.0 35
1962	353.0 21	344.0 21	330.0 19	301.0 16	263.0 16	203.0 18	171.0 14	139.0 12	95.0 12
1963	403.0 13	391.0 13	351.0 15	287.0 20	266.0 13	224.0 12	167.0 15	130.0 16	88.0 16
1964	384.0 16	352.0 18	307.0 21	271.0 22	264.0 14	235.0 9	175.0 12	137.0 13	93.0 13
1965	375.0 17	360.0 17	340.0 16	300.0 17	252.0 22	220.0 13	180.0 10	149.0 8	103.0 7
1966	185.0 40	179.0 39	160.0 40	131.0 40	124.0 39	90.0 40	72.0 39	58.0 39	41.0 39
1967	400.0 14	391.0 14	353.0 12	335.0 9	272.0 12	235.0 10	174.0 13	134.0 14	91.0 14
1968	309.0 23	293.0 24	271.0 26	248.0 26	232.0 25	163.0 32	122.0 33	96.0 33	67.0 32
1969	309.0 24	300.0 23	284.0 23	280.0 21	260.0 20	199.0 21	158.0 22	128.0 17	87.0 17
1970	552.0 2	521.0 3	497.0 1	383.0 4	352.0 3	289.0 1	216.0 1	168.0 2	114.0 3
1971	519.0 5	502.0 4	484.0 3	444.0 1	362.0 1	261.0 3	207.0 3	167.0 3	115.0 2
1972	448.0 8	396.0 12	357.0 11	336.0 8	259.0 21	193.0 23	144.0 24	113.0 24	78.0 25
1973	542.0 4	481.0 5	411.0 5	339.0 7	299.0 7	219.0 14	162.0 16	127.0 19	86.0 20
1974	319.0 22	309.0 22	295.0 22	251.0 25	248.0 23	189.0 24	143.0 25	113.0 25	78.0 26
1975	465.0 6	442.0 6	392.0 7	388.0 3	297.0 8	257.0 4	199.0 5	154.0 5	104.0 5
1976	253.0 35	247.0 35	236.0 34	222.0 32	213.0 29	165.0 28	126.0 30	99.0 31	69.0 31

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.75	5.98	5.26	5.03	5.25	6.95	22.1	135	213	90.2	17.5	7.47
7.33	4.20	3.88	4.37	4.73	10.1	158	2192	4731	2601	69.2	7.13
2.71	2.05	1.97	2.09	2.18	3.19	12.6	46.8	68.8	51.0	8.32	2.67
1.93	0.47	1.08	1.08	1.39	1.88	0.69	0.13	-0.14	0.44	1.24	1.16
0.40	0.34	0.37	0.42	0.41	0.46	0.57	0.35	0.32	0.57	0.48	0.36
1.30	1.15	1.01	0.97	1.01	1.34	4.25	25.9	41.0	17.3	3.36	1.44

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.9	118	10.9	-0.35	0.25	0.138

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.80	0.75	0.69	0.67	0.69	0.81	1.27	2.10	2.30	1.87	1.20	0.85
0.02	0.02	0.02	0.03	0.03	0.03	0.07	0.03	0.03	0.08	0.04	0.02
0.15	0.15	0.15	0.17	0.16	0.17	0.26	0.17	0.17	0.29	0.20	0.15
0.65	0.01	0.38	0.19	0.49	0.62	-0.05	-0.69	-1.36	-0.52	-0.06	0.19
0.19	0.20	0.22	0.26	0.24	0.21	0.20	0.08	0.07	0.15	0.17	0.17
5.72	5.37	4.95	4.77	4.92	5.76	9.09	15.0	16.4	13.4	8.54	6.06

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.01	0.12	-0.93	0.07	0.148

10316500 LAMOILLE CREEK NEAR LAMOILLE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1915	315.0	1948	383.0	1958	457.0	1968	391.0
1916	330.0	1949	330.0	1959	238.0	1969	369.0
1918	300.0	1950	588.0	1960	348.0	1970	680.0
1919	360.0	1951	505.0	1961	340.0	1971	712.0
1920	377.0	1952	415.0	1962	415.0	1972	617.0
1922	416.0	1953	311.0	1963	570.0	1973	660.0
1944	341.0	1954	235.0	1964	473.0	1974	400.0
1945	486.0	1955	323.0	1965	448.0	1975	560.0
1946	299.0	1956	447.0	1966	246.0	1976	291.0
1947	326.0	1957	794.0	1967	473.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.6080	2.6080
STANDARD DEVIATION	0.1324	0.1324
SKEW COEFFICIENTS		
STATION	0.3308	0.3308
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.0196 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	39	39
PERIOD (YEARS)	39	39

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	203.3	183.9	172.8	149.9	212.7
0.9900	215.0	198.7	189.5	164.6	227.5
0.9500	253.1	245.2	240.3	211.8	273.5
0.9000	277.8	274.2	270.1	241.6	302.3
0.8000	312.6	313.8	311.5	282.5	342.2
0.5000	398.8	405.9	405.9	374.1	440.5
0.2000	521.0	524.3	528.2	480.9	582.6
0.1000	604.9	599.0	608.0	543.4	679.6
0.0400	714.8	690.1	707.1	616.6	803.4
0.0200	799.5	756.1	783.8	668.1	896.0
0.0100	886.8	820.6	859.0	717.5	988.7

10317000 LAMOILLE CREEK NEAR HALLECK, NV

LOCATION.--Lat 40°55'40", long 115°26'20", in SW¼ sec.9, T.35 N., R.58 E., Elko County, Hydrologic Unit 16040101, 1.5 mi (2.4 km) southeast of Halleck, and 2 mi (3 km) upstream from mouth.

DRAINAGE AREA.--245 mi^2 (635 km^2).

REMARKS.--Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1914																20	4	7	20	55	47	20	16	17	9	14	22	24	24	24	27	14	1		
1915	56		1	1	2		1		1	1	1		1	5	9	3	3	4	36	56	111	12	35	8	4	10	4								
1916	82	1					1		2	1	2	1	3	16	5	7	26	48	8	29	18	12	12	21	26	11	8	20	6						
1917	21								12		25		5	2	34	33	29		21	38	5	4	6	3	17	31	32	11	14	8	11	3			
1918	84								30		10		8	11	11	13	1	5	15	29	78	16	29	14	7	3	1								
1919	103								28		1		4		45	31	16	1	23	9	7	33	20	20		6	9	3	6						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	346	2191	100.0	12	2.9	21	1723	78.6	24	67	63	410	18.7
1	0.10	1	1845	84.2	13	3.8	34	1702	77.7	25	87	75	347	15.8
2	0.20	1	1844	84.2	14	4.9	104	1668	76.1	26	110	76	272	12.4
3	0.30	1	1843	84.1	15	6.4	107	1564	71.4	27	150	58	196	8.9
4	0.40	2	1842	84.1	16	8.3	79	1457	66.5	28	190	50	138	6.2
5	0.50	0	1840	84.0	17	11.0	65	1378	62.9	29	250	32	88	4.0
6	0.60	2	1840	84.0	18	14.0	123	1313	59.9	30	320	38	56	2.5
7	0.80	0	1838	83.9	19	18.0	216	1190	54.3	31	410	17	18	.8
8	1.00	73	1838	83.9	20	24.0	266	974	44.5	32	540	1	1	
9	1.30	2	1765	80.6	21	31.0	97	708	32.3	33				
10	1.70	39	1763	80.5	22	40.0	118	611	27.9	34				
11	2.30	1	1724	78.7	23	51.0	83	493	22.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1915	8.00	5	8.00	5	8.00	5	8.00	5	8.90	5	13.00	5	18.00	5	19.00	5	19.00	5
1916	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.06	1	1.10	2	3.90	2
1917	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.68	3	4.10	3	6.00	3
1918	1.00	4	1.00	4	1.00	4	1.10	4	1.60	4	2.30	4	4.50	4	9.20	4	14.00	4
1919	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.09	2	0.35	1	2.30	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1914	556.0	1	521.0	1	476.0	1	447.0	1	415.0	1	353.0	1	307.0	1	264.0	1	207.0	1
1915	113.0	6	113.0	5	109.0	5	103.0	5	74.0	5	48.0	5	45.0	5	44.0	5	36.0	5
1916	201.0	4	200.0	4	196.0	3	184.0	3	151.0	3	108.0	3	82.0	3	72.0	3	66.0	3
1917	420.0	2	420.0	2	393.0	2	350.0	2	288.0	2	232.0	2	188.0	2	167.0	2	121.0	2
1918	115.0	5	103.0	6	84.0	6	67.0	6	54.0	6	45.0	6	37.0	6	34.0	6	30.0	6
1919	204.0	3	202.0	3	194.0	4	167.0	4	123.0	4	82.0	4	71.0	4	59.0	4	42.0	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.66	17.6	15.7	23.3	34.0	74.5	74.5	96.5	166	62.0	8.26	4.35
140	110	59.9	682	717	2239	4189	11500	17350	4616	106	49.6
11.8	10.5	7.74	26.1	26.8	47.3	64.7	107	132	67.9	10.3	7.04
0.97	-0.01	0.58	2.10	1.64	1.17	1.69	1.71	0.63	0.59	0.45	1.40
1.22	0.60	0.49	1.12	0.74	0.64	0.87	1.11	0.79	1.10	1.25	1.62
1.65	3.00	2.67	3.97	5.79	12.7	12.7	16.5	28.3	10.6	1.41	0.74

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
46.9	1456	38.2	1.61	0.81	-0.320

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.57	1.16	1.15	1.19	1.43	1.81	1.76	1.66	2.08	1.25	0.27	0.36
0.55	0.11	0.05	0.17	0.10	0.06	0.10	0.50	0.15	0.92	1.08	0.30
0.74	0.33	0.22	0.42	0.32	0.25	0.32	0.70	0.39	0.96	1.04	0.55
-0.02	-0.66	0.01	0.77	0.39	0.95	1.18	-1.12	0.05	-0.50	-0.25	1.17
1.30	0.28	0.19	0.35	0.22	0.14	0.18	0.42	0.18	0.77	3.87	1.51
3.87	7.89	7.82	8.07	9.75	12.3	12.0	11.3	14.2	8.51	1.83	2.46

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.57	0.10	0.31	0.92	0.20	-0.266

10317400 NORTH FORK HUMBOLDT RIVER NEAR NORTH FORK, NV

LOCATION.--Lat 41°34'30", long 115°54'40", in NW¼SE¼ sec.32, T.43 N., R.54 E., Elko County, Hydrologic Unit 16040102, on right bank above all diversions, 0.7 mi (1.1 km) downstream from Fry Canyon, 1 mi (2 km) upstream from Doheny Ranch, and 9 mi (14 km) northwest of North Fork.

DRAINAGE AREA.--11 mi^2 (28 km^2), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1966	2	30	14	17	6	5	3	22	73	53	22	14	9	8	5	5	4	6	3	3	7	6	27	9	7	5									
1967		4	23	21	23	12	24	26	14	13	7	27	16	12	5	8	11	18	20	14	5	3	3	5	6	10	19	10	6						
1968				3	3	22	73	62	20	17	4	6	6	8	3	7	21	14	17	27	31	12	5	5											
1969				9	9	8	17	27	7	13	3	8	39	38	33	28	14	15	4	4	5	6	5	9	18	18	7	11	8	2					
1970			8	23	10	14	12	28	11	24	11	6	6	5	7	5	13	50	27	12	6	4	8	8	2	14	14	9	13	9	6				
1971									10	27	5	34	32	12	11	16	34	12	27	16	7	5	13	19	18	7	18	17	7	9	9				
1972									23	95	35	28	19	8	6	6	8	5	7	5	5	14	23	15	15	12	9	13	10	5					
1973					3	16	19	17	4	43	31	43	30	18	25	13	13	6	9	2	7	6	11	10	9	12	3	6	9						
1974				1	6	15	12	18	7	7	5	23	36	46	30	13	12	13	5	6	9	9	25	11	11	17	8	10	8	2					
1975					1	9	23	46	43	47	14	5	5	24	25	11	9	8	2	6	6	7	5	5	2	12	12	10	7	7	13	1				
1976						4	8	14	6	27	14	45	24	56	24	18	21	15	7	6	7	3	9	10	15	10	4	6	10	3						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2	4018	100.0	12	2.1	222	2272	56.5	24	28	103	550	13.6
1	0.10	34	4016	100.0	13	2.6	235	2050	51.0	25	35	117	447	11.1
2	0.20	45	3982	99.1	14	3.2	174	1815	45.2	26	44	94	330	8.2
3	0.30	74	3937	98.0	15	4.0	130	1641	40.8	27	54	92	236	5.8
4	0.40	61	3863	96.1	16	5.0	160	1511	37.6	28	67	78	144	3.5
5	0.50	105	3802	94.6	17	6.2	162	1351	33.6	29	84	37	66	1.6
6	0.60	191	3697	92.0	18	7.7	128	1189	29.6	30	100	28	29	.7
7	0.70	260	3506	87.3	19	9.5	101	1061	26.4	31	130	1	1	
8	0.90	218	3246	80.8	20	12.0	95	960	23.9	32				
9	1.10	366	3028	75.4	21	15.0	75	865	21.5	33				
10	1.40	151	2662	66.3	22	18.0	134	790	19.7	34				
11	1.70	239	2511	62.5	23	23.0	106	656	16.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1967	0.00	1	0.03	1	0.07	1	0.10	1	0.10	1	0.17	1	0.20	1	0.24	1	0.39	1
1968	0.30	3	0.30	3	0.36	3	0.40	3	0.51	3	0.56	3	0.56	2	0.59	2	0.67	2
1969	0.40	5	0.47	6	0.51	6	0.54	6	0.69	6	0.86	6	1.20	6	1.30	6	2.20	8
1970	0.26	2	0.27	2	0.29	2	0.31	2	0.36	2	0.45	2	0.57	3	0.60	3	0.89	4
1971	0.99	9	1.00	10	1.00	9	1.10	10	1.10	8	1.20	9	1.50	9	2.30	10	3.30	10
1972	0.93	8	0.95	8	0.96	8	1.00	8	1.10	9	1.10	7	1.30	7	1.30	7	1.40	5
1973	1.00	10	1.00	9	1.10	10	1.10	9	1.20	10	1.30	10	1.30	8	1.40	8	1.80	7
1974	0.40	6	0.44	5	0.49	5	0.53	5	0.60	5	0.64	5	0.77	5	1.20	5	1.60	6
1975	0.34	4	0.42	4	0.44	4	0.50	4	0.57	4	0.63	4	0.66	4	0.71	4	0.84	3
1976	0.73	7	0.74	7	0.74	7	0.77	7	0.93	7	1.10	8	2.00	10	2.30	9	2.40	9

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1966	38.0	10	37.0	10	36.0	10	29.0	10	24.0	10	21.0	10	17.0	10	13.0	10	9.0	10
1967	80.0	9	76.0	9	71.0	9	65.0	9	54.0	8	45.0	7	33.0	8	27.0	8	19.0	8
1968	26.0	11	25.0	11	23.0	11	19.0	11	16.0	11	13.0	11	12.0	11	11.0	11	8.4	11
1969	89.0	5	84.0	6	80.0	6	72.0	6	59.0	6	47.0	5	39.0	5	31.0	6	21.0	6
1970	113.0	3	108.0	3	100.0	3	94.0	3	79.0	3	63.0	3	47.0	3	38.0	3	30.0	2
1971	125.0	2	120.0	2	111.0	2	99.0	2	82.0	2	66.0	2	55.0	1	46.0	1	34.0	1
1972	90.0	4	87.0	4	82.0	4	77.0	4	65.0	4	53.0	4	42.0	4	37.0	4	26.0	4
1973	82.0	8	79.0	8	76.0	8	67.0	7	54.0	9	39.0	9	30.0	9	24.0	9	16.0	9
1974	88.0	6	84.0	5	77.0	7	65.0	8	56.0	7	46.0	6	38.0	6	32.0	5	23.0	5
1975	138.0	1	130.0	1	122.0	1	109.0	1	90.0	1	73.0	1	55.0	2	43.0	2	29.0	3
1976	88.0	7	83.0	7	81.0	5	74.0	5	60.0	5	44.0	8	34.0	7	27.0	7	19.0	7

10317400 NORTH FORK HUMBOLDT RIVER NEAR NORTH FORK, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.06	2.18	1.90	4.90	3.52	8.30	20.4	51.7	32.9	7.51	1.64	0.99
0.26	4.42	1.61	41.1	6.84	31.3	102	380	526	44.0	0.80	0.28
0.51	2.10	1.27	6.41	2.61	5.60	10.1	19.5	22.9	6.64	0.90	0.53
1.00	1.45	0.53	1.83	1.14	1.44	-0.02	-0.79	0.85	1.65	-0.08	0.47
0.48	0.96	0.67	1.31	0.74	0.67	0.49	0.38	0.70	0.88	0.54	0.53
0.78	1.59	1.39	3.58	2.57	6.06	14.9	37.7	24.0	5.48	1.20	0.72

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.4	19.2	4.38	-0.11	0.38	0.369

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.02	0.16	0.18	0.42	0.44	0.84	1.25	1.67	1.40	0.71	0.12	-0.07
0.05	0.17	0.10	0.23	0.10	0.07	0.06	0.06	0.14	0.18	0.14	0.08
0.23	0.42	0.32	0.48	0.31	0.26	0.25	0.24	0.37	0.42	0.37	0.27
-1.00	0.24	-0.09	0.81	0.29	0.72	-0.45	-1.87	-0.76	-0.47	-1.75	-0.87
-10.0	2.57	1.81	1.15	0.70	0.30	0.20	0.14	0.26	0.59	3.19	-3.78
-0.33	2.28	2.50	5.90	6.26	11.9	17.6	23.5	19.7	10.1	1.64	-1.02

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.02	0.04	0.20	-0.93	0.19	0.268

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	108.0	1969	100.0	1972	113.0	1975	170.0
1967	92.0	1970	152.0	1973	92.0	1976	103.0
1968	63.0	1971	151.0	1974	122.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0458	2.0458
STANDARD DEVIATION	0.1223	0.1223
SKEW COEFFICIENTS		
STATION	-0.3320	-0.3320
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	49.3	52.4	41.5	32.7	66.3
0.9900	53.9	56.5	47.6	36.8	70.3
0.9500	68.2	69.4	64.3	50.2	82.8
0.9000	76.8	77.2	73.3	58.8	90.5
0.8000	88.2	87.8	85.5	70.6	101.4
0.5000	112.9	111.6	111.6	96.1	129.8
0.2000	141.3	141.0	144.5	122.1	175.5
0.1000	157.6	158.9	166.6	135.7	208.1
0.0400	175.9	180.2	194.3	150.6	250.6
0.0200	188.2	195.2	218.2	160.6	282.8
0.0100	199.6	209.6	242.3	169.9	315.1

10317430 JIM CREEK NEAR TUSCARORA, NV

LOCATION.--Lat 41°17'50", long 115°47'30", in SW¼ sec.4, T.39 N., R.55 E., Elko County, Hydrologic Unit 16040102, at culvert on State Highway 43, 23 mi (37 km) east of Tuscarora.

DRAINAGE AREA.--25 mi^2 (65 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	541.0	1968	4.0	1971	100.0	1974	64.0
1966	15.0	1969	70.0	1972	70.0	1975	66.0
1967	40.0	1970	78.0	1973	29.0	1976	25.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6818	1.6818
STANDARD DEVIATION	0.5130	0.5130
SKEW COEFFICIENTS		
STATION	-0.1657	-0.1657
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	1.9	2.1	0.9	0.3	5.3
0.9900	2.7	2.8	1.5	0.5	6.8
0.9500	6.5	6.7	5.0	1.9	13.6
0.9000	10.4	10.4	8.6	3.6	19.8
0.8000	18.0	17.9	16.2	7.6	31.9
0.5000	49.7	49.0	49.0	27.0	89.5
0.2000	131.0	130.6	143.5	73.1	308.7
0.1000	213.6	215.6	258.2	114.0	621.1
0.0400	354.9	364.8	486.1	176.9	1328.0
0.0200	489.0	510.2	780.0	232.2	2174.6
0.0100	649.3	687.8	1204.5	294.6	3387.0

10317500 NORTH FORK HUMBOLDT RIVER AT DEVILS GATE, NEAR HALLECK, NV

LOCATION.--Lat 41°10'50", long 115°29'35", in SE¼ sec.13, T.38 N., R.57 E., Elko County, Hydrologic Unit 16040102, on right bank 500 ft (150 m) downstream from Devils Gate Canyon, 16 mi (26 km) north of Halleck, and 26 mi (42 km) upstream from mouth. Prior to Aug. 8, 1975, at site 500 ft (150 m) downstream.

DRAINAGE AREA.--830 mi^2 (2,150 km^2), approximately.

REMARKS.--Many diversions for irrigation of 16,600 acres (67.2 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1914							4	23	2	12	51	21	89	31	9	4	4	12	2	2	2	11	33	17	16	16	4								
1915			5	11	25	19	30	4	2	2	7	92	69	6	19	14	20	30	4	4	2														
1916						8	10	25	39	12	68	45	29	5	1	4	8	11	15	10	6	8	25	9	13	12	3								
1917								22	37	3	23	62	65	6	7	6	23	4	3	3	9	1	6	24	15	13	17	14	2						
1918					5	8	19	14	12	55	10	73	69	10	18	21	24	17	7		1	1	1												
1919			24		37	2	3	12	71	50	21	4	32	4	1	30			1		12	17	22	10	7	3	2								
1920								2	99	39	64	5	30	3	8	31	2	2	31	19	2	29													
1921								1	33	52	13	14	44	37	34	5	2	2	3	9	3	2	40	41	19	8	2	1							
1944					14	35	9	20	4	50	33	39	41	5	8	4	11	13	34	22	11	5	4	3		1									
1945						2	41	19	9	17	86	11	13	7	7	10	10	18	14	14	11	22	16	10	22	6									
1946						18	26	18	4	27	31	94	10	8	8	7	7	8	9	11	19	23	14	12	11										
1947				19	16	25	9	16	3	5	21	31	48	37	34	38	31	25	4	2	1														
1948			18	13	14	15	15	17	33	47	20	19	34	13	9	23	16	30	15	7	6		2												
1949					30	16	35	17	48	5	90	11	9	5	2	8	13	3	4	7	1	9	15	7	10	16	4								
1950					11	6	7	27	18	19	34	35	15	23	24	11	11	14	21	18	16	26	26	3											
1951						17	10	23	33	20	24	11	4	42	19	6	16	19	11	9	7	28	12	21	22	6	4		1						
1952								40	16	27	30	54	46	10	14	11	5	11	6	7	3	1	10	4	15	11	14	5	11	10	3	1	1		
1953						1	2	1	15	16	34	54	23	21	15	25	24	22	46	21	9	8	10	6	9	1	1		1						
1954			4	32	23	8	19	9	11	14	13	75	43	16	16	46	34		2																
1955			17	26	17	14	7	16	72	67	14	14	31	50	15	5																			
1956				2	1	4	12	37	47	14	23	17	3	10	18	21	23	19	6	14	11	16	16	30	7	7	3	1	1	3					
1957								20	32	11	56	56	24	17	2	2	3	7	12	21	20	25	8	23	12	7	3	3	1						
1958								36	18	27	78	40	15	6	11	9	8	4	4	12	9	20	21	23	14	2	5	3							
1959			10	22	27	14	8	9	17	17	40	70	51	32	28	14	5	1																	
1960			12	8	11	28	18	3	40	27	68	37	3	2	3	6	12	15	25	15	4	9	13	7											
1961				24	37	21	16	12	37	55	56	18	31	18	16	16	5	1	1			1													2
1962						37	47	53	16	10	24	10	11	13	15	6	5	5	8	6	18	21	24	20	6	3	1	2	1	1					
1963					3	27	11	6	38	42	52	20	31	48	20	8	9	5	3	8	6	6	6	5	8	3									
1964						9	18	4	45	5	32	77	60	13	6	2	3	5	7	13	13	21	13	7	9	1		1	1	1					
1965										23	25	16	44	18	7	23	17	17	13	22	37	27	46	17	10	3									
1966				1	48	42	15	20	3	5	26	38	87	28	3	3	3	7	13	11	8	4													
1967						2	5	47	40	25	40	33	23	8	5	9	10	24	37	17	8	12	13	6	1										
1968					22	13	11	65	52	36	32	42	13	30	16	10	8	6	3	3	3	1													
1969								67	11	21	21	44	21	16	23	13	11	7	7	10	18	11	9	13	10	9	5	2	4	7	3	2			
1970								2	15	45	83	13	11	7	4	5	23	47	39	12	12	12	19	13	2	1									
1971										20	55	36	29	19	23	13	5	8	20	12	21	25	35	27	9	3	2		1		1	1			
1972								3	18	18	12	31	49	43	19	5	3	5	7	27	26	32	21	13	9	6	9	6	2	1	1				
1973						12	16	17	19	6	22	30	44	52	16	9	6	7	6	11	25	36	22	6	1	2									
1974						28	18	19	28	8	17	20	50	11	7	7	15	24	6	6	13	8	22	27	10	12	3	4	1	1					
1975								12	31	43	72	24	9	9	6	7	22	10	11	5	8	11	9	17	11	20	15	5	7	1					
1976					9	33	17	11	7	6	7	24	52	61	13	12	13	7	6	14	25	30	12	3	1	2	1								

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14976	100.0
1	2.00	61	14976	100.0
2	2.50	176	14915	99.6
3	3.20	280	14739	98.4
4	4.00	416	14459	96.5
5	5.00	398	14043	93.8
6	6.20	600	13645	91.1
7	7.80	1045	13045	87.1
8	9.80	922	12000	80.1
9	12.00	1299	11078	74.0
10	15.00	1501	9779	65.3
11	19.00	1438	8278	55.3
12	24.0	1231	6840	45.7
13	31.0	512	5609	37.5
14	38.0	526	5097	34.0
15	48.0	495	4571	30.5
16	60.0	441	4076	27.2
17	76.0	458	3635	24.3
18	95.0	458	3177	21.2
19	120.0	400	2719	18.2
20	150.0	469	2319	15.5
21	190.0	475	1850	12.4
22	240.0	477	1375	9.2
23	300.0	346	898	6.0
24	370	245	552	3.6
25	470	131	307	2.0
26	580	75	176	1.1
27	730	42	101	.6
28	920	26	59	.3
29	1200	19	33	.2
30	1500	7	14	
31	1800	4	7	
32	2300	1	3	
33	2900		2	
34	3600	2	2	

10317500 NORTH FORK HUMBOLDT RIVER AT DEVILS GATE, NEAR HALLECK, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1915	7.50 30	7.50 30	7.70 30	7.80 28	8.70 29	13.00 36	16.00 37	18.00 36	18.00 32
1916	2.80 9	3.00 9	3.10 9	3.20 9	3.60 9	4.30 11	5.10 10	5.90 9	9.80 11
1917	5.80 26	5.80 25	6.60 26	7.60 27	8.60 27	9.90 28	13.00 33	15.00 32	15.00 25
1918	9.00 34	9.70 35	9.90 35	9.90 34	10.00 35	12.00 34	15.00 35	17.00 35	20.00 35
1919	4.10 17	4.40 17	4.70 20	5.10 19	6.00 21	6.90 20	8.00 20	8.90 17	9.80 12
1920	3.00 10	3.00 10	3.00 8	3.00 8	3.50 8	3.60 6	5.70 11	7.00 12	9.80 13
1921	9.00 35	9.30 34	9.70 34	9.90 35	9.90 33	10.00 29	10.00 26	11.00 26	15.00 26
1945	4.20 18	4.50 19	4.60 18	4.70 17	4.80 15	5.30 12	6.20 13	8.00 14	10.00 14
1946	6.10 27	6.30 28	6.60 27	6.80 25	7.30 26	9.80 27	12.00 31	14.00 31	17.00 29
1947	5.50 24	5.50 24	5.70 23	5.90 22	6.20 22	7.10 22	10.00 27	13.00 27	18.00 30
1948	2.60 8	2.60 7	2.70 7	2.80 6	3.00 7	3.70 7	4.50 8	5.60 7	7.20 6
1949	2.00 1	2.00 1	2.10 1	2.20 1	2.40 1	3.20 3	4.10 6	5.00 5	7.20 7
1950	3.20 13	3.30 14	3.40 13	3.50 10	3.70 10	4.20 10	5.10 9	6.20 10	9.20 10
1951	3.20 14	3.20 12	3.30 10	3.60 12	4.80 16	6.40 16	8.10 21	10.00 22	19.00 33
1952	4.50 21	4.50 20	4.50 16	4.50 16	5.10 17	6.80 19	7.80 18	8.60 15	12.00 18
1953	7.80 31	7.90 31	8.30 31	8.50 32	8.70 28	10.00 30	12.00 28	14.00 28	20.00 36
1954	4.70 22	5.20 22	6.70 28	9.20 33	10.00 34	11.00 33	12.00 29	14.00 29	16.00 27
1955	2.30 4	2.40 5	2.50 5	2.60 5	2.90 5	3.20 4	3.90 4	4.90 4	6.70 3
1956	2.30 5	2.30 4	2.30 2	2.40 2	2.60 2	3.00 1	3.70 1	4.50 2	7.10 5
1957	2.60 6	2.90 8	4.50 17	5.90 23	6.50 23	7.40 23	9.30 23	11.00 23	13.00 22
1958	6.20 28	6.20 27	6.20 24	6.50 24	7.10 24	8.10 25	9.60 24	11.00 24	13.00 23
1959	7.80 32	8.10 32	8.30 32	8.40 30	9.10 32	10.00 31	12.00 30	14.00 30	16.00 28
1960	2.00 2	2.10 2	2.40 3	2.40 3	2.60 3	3.00 2	3.90 2	5.30 6	6.90 4
1961	2.20 3	2.30 3	2.40 4	2.50 4	2.80 4	3.60 5	4.50 7	5.80 8	7.70 8
1962	2.60 7	2.60 6	2.70 6	2.90 7	3.00 6	3.70 8	3.90 3	4.50 3	5.80 1
1963	5.20 23	5.20 23	5.30 22	5.40 21	5.60 20	6.60 18	7.70 16	8.90 16	10.00 15
1964	3.80 15	3.80 15	4.00 14	4.10 14	4.50 14	6.10 15	7.70 17	9.60 20	12.00 19
1965	4.30 19	4.40 18	4.90 21	5.10 20	5.40 18	7.00 21	8.00 19	9.40 19	15.00 24
1966	11.00 37	11.00 37	11.00 37	12.00 37	14.00 37	16.00 39	17.00 38	19.00 37	19.00 34
1967	3.00 11	3.10 11	3.30 11	3.60 13	3.70 11	3.80 9	4.00 5	4.40 1	6.10 2
1968	5.60 25	5.90 26	6.60 25	6.90 26	7.30 25	7.50 24	8.50 22	10.00 21	10.00 16
1969	3.20 12	3.30 13	3.40 12	3.50 11	3.80 12	5.60 14	6.20 14	7.00 11	11.00 17
1970	8.30 33	8.40 33	8.40 33	8.50 31	8.80 30	9.10 26	9.80 25	11.00 25	13.00 20
1971	13.00 38	13.00 38	13.00 38	14.00 38	14.00 38	15.00 37	16.00 36	19.00 38	23.00 38
1972	13.00 39	13.00 39	14.00 39	14.00 39	15.00 39	16.00 38	18.00 39	21.00 39	24.00 39
1973	7.20 29	7.30 29	7.70 29	8.20 29	9.10 31	11.00 32	13.00 32	16.00 33	18.00 31
1974	4.50 20	4.60 21	4.70 19	4.80 18	5.50 19	6.50 17	7.50 15	9.10 18	13.00 21
1975	4.00 16	4.10 16	4.20 15	4.30 15	4.50 13	5.30 13	6.10 12	7.50 13	8.70 9
1976	9.50 36	9.80 36	10.00 36	11.00 36	12.00 36	13.00 35	14.00 34	17.00 34	21.00 37

10317500 NORTH FORK HUMBOLDT RIVER AT DEVILS GATE, NEAR HALLECK, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1914	702.0 16	657.0 13	595.0 10	530.0 9	457.0 7	401.0 5	357.0 6	301.0 6	208.0 9
1915	177.0 35	161.0 34	143.0 34	118.0 34	95.0 34	82.0 33	74.0 32	63.0 32	49.0 32
1916	613.0 18	591.0 16	518.0 15	497.0 11	464.0 6	373.0 8	304.0 10	250.0 12	173.0 15
1917	1110.0 6	932.0 7	812.0 6	699.0 5	649.0 3	606.0 3	515.0 3	423.0 2	291.0 3
1918	244.0 31	202.0 31	139.0 35	90.0 35	80.0 35	69.0 35	58.0 35	58.0 34	46.0 34
1919	647.0 17	589.0 17	527.0 13	454.0 13	349.0 18	294.0 16	239.0 17	189.0 19	130.0 20
1920	200.0 33	200.0 32	200.0 31	200.0 30	199.0 27	163.0 27	141.0 27	118.0 29	86.0 28
1921	770.0 13	684.0 12	573.0 11	528.0 10	441.0 8	395.0 6	360.0 5	326.0 4	232.0 6
1944	531.0 22	393.0 26	251.0 28	197.0 31	152.0 31	134.0 31	120.0 30	120.0 27	86.0 29
1945	538.0 21	523.0 19	441.0 20	425.0 16	399.0 13	340.0 12	280.0 14	249.0 13	183.0 12
1946	464.0 25	458.0 22	448.0 19	407.0 17	350.0 17	278.0 17	241.0 16	203.0 18	142.0 19
1947	128.0 38	115.0 37	96.0 37	78.0 37	62.0 36	62.0 36	54.0 36	49.0 36	40.0 36
1948	204.0 32	181.0 33	151.0 32	120.0 33	100.0 33	77.0 34	72.0 33	63.0 33	48.0 33
1949	508.0 23	482.0 20	450.0 18	435.0 15	363.0 15	309.0 15	231.0 18	180.0 20	123.0 21
1950	252.0 30	239.0 30	228.0 30	227.0 25	215.0 25	181.0 25	163.0 26	142.0 25	108.0 24
1951	757.0 15	594.0 15	487.0 17	339.0 21	309.0 20	276.0 18	250.0 15	230.0 15	167.0 17
1952	2340.0 2	1980.0 2	1660.0 1	1520.0 1	1270.0 1	919.0 1	717.0 1	561.0 1	380.0 1
1953	775.0 12	553.0 18	436.0 21	350.0 20	292.0 21	205.0 23	168.0 24	147.0 24	114.0 22
1954	92.0 39	76.0 39	63.0 39	56.0 38	53.0 38	50.0 37	45.0 37	41.0 37	34.0 37
1955	41.0 41	40.0 41	36.0 41	33.0 41	29.0 41	28.0 41	27.0 41	25.0 41	20.0 41
1956	1060.0 7	989.0 6	781.0 8	556.0 8	402.0 11	323.0 13	285.0 13	235.0 14	175.0 13
1957	765.0 14	642.0 14	500.0 16	391.0 19	355.0 16	274.0 19	228.0 20	228.0 16	168.0 16
1958	851.0 11	776.0 11	704.0 9	565.0 7	430.0 9	373.0 7	318.0 7	274.0 8	198.0 10
1959	62.0 40	56.0 40	47.0 40	42.0 40	38.0 40	36.0 40	31.0 40	28.0 39	25.0 39
1960	276.0 29	270.0 29	255.0 27	221.0 27	194.0 28	149.0 30	123.0 29	105.0 30	74.0 30
1961	178.0 34	108.0 38	72.0 38	56.0 39	48.0 39	37.0 39	32.0 39	28.0 40	22.0 40
1962	3850.0 1	2800.0 1	1560.0 3	789.0 3	413.0 10	356.0 9	307.0 8	293.0 7	223.0 7
1963	468.0 24	425.0 24	363.0 23	335.0 22	252.0 24	163.0 28	118.0 31	95.0 31	74.0 31
1964	999.0 9	778.0 10	537.0 12	400.0 18	313.0 19	215.0 22	196.0 21	155.0 22	108.0 25
1965	410.0 26	398.0 25	364.0 22	335.0 23	276.0 22	252.0 20	229.0 19	203.0 17	175.0 14
1966	172.0 36	152.0 35	148.0 33	131.0 32	116.0 32	85.0 32	63.0 34	51.0 35	41.0 35
1967	326.0 28	299.0 28	271.0 26	227.0 26	213.0 26	160.0 29	134.0 28	120.0 28	89.0 27
1968	161.0 37	132.0 36	105.0 36	81.0 36	61.0 37	46.0 38	37.0 38	34.0 38	27.0 38
1969	2120.0 3	1870.0 3	1640.0 2	1410.0 2	1040.0 2	693.0 2	525.0 2	418.0 3	294.0 2
1970	578.0 19	468.0 21	316.0 24	284.0 24	275.0 23	219.0 21	174.0 23	153.0 23	147.0 18
1971	1970.0 4	1540.0 4	823.0 5	468.0 12	373.0 14	316.0 14	304.0 11	263.0 10	236.0 4
1972	1320.0 5	1010.0 5	806.0 7	687.0 6	531.0 5	356.0 10	291.0 12	271.0 9	213.0 8
1973	396.0 27	321.0 27	246.0 29	215.0 29	194.0 29	187.0 24	179.0 22	157.0 21	113.0 23
1974	1000.0 8	783.0 9	526.0 14	443.0 14	400.0 12	346.0 11	305.0 9	257.0 11	184.0 11
1975	940.0 10	890.0 8	857.0 4	714.0 4	572.0 4	488.0 4	400.0 4	321.0 5	234.0 5
1976	550.0 20	448.0 23	300.0 25	219.0 28	186.0 30	168.0 26	163.0 25	140.0 26	100.0 26

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
12.4	17.5	20.3	34.1	64.2	135	230	199	140	31.0	9.83	8.18
18.2	32.7	89.3	1826	5811	11530	47090	26960	10970	867	52.5	12.7
4.26	5.72	9.45	42.7	76.2	107	217	164	105	29.4	7.25	3.57
0.90	0.33	1.96	3.44	3.32	1.58	2.20	1.39	0.68	1.51	1.67	1.12
0.34	0.33	0.47	1.25	1.19	0.79	0.95	0.83	0.75	0.95	0.74	0.44
1.37	1.94	2.25	3.78	7.12	15.0	25.5	22.0	15.6	3.44	1.09	0.91

10317500 NORTH FORK HUMBOLDT RIVER AT DEVILS GATE, NEAR HALLECK, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
74.9	1957	44.2	0.60	0.59	-0.016

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.07	1.22	1.27	1.37	1.64	2.01	2.19	2.11	1.97	1.29	0.89	0.88
0.02	0.02	0.03	0.11	0.13	0.12	0.17	0.22	0.21	0.21	0.09	0.03
0.14	0.15	0.18	0.33	0.36	0.34	0.42	0.47	0.46	0.45	0.29	0.18
0.49	-0.37	0.28	1.34	0.75	-0.02	-0.27	-0.81	-0.91	-0.12	0.25	0.18
0.13	0.12	0.14	0.24	0.22	0.17	0.19	0.22	0.23	0.35	0.33	0.21
5.98	6.82	7.09	7.65	9.14	11.2	12.2	11.8	11.0	7.18	4.99	4.89

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.09	0.31	-0.59	0.17	0.017

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	726.0	1947	136.0	1957	860.0	1967	338.0
1915	194.0	1948	215.0	1958	914.0	1968	187.0
1916	632.0	1949	544.0	1959	69.0	1969	2430.0
1917	1260.0	1950	263.0	1960	371.0	1970	656.0
1918	287.0	1951	954.0	1961	275.0	1971	2890.0
1919	763.0	1952	2450.0	1962	10400.0	1972	1480.0
1921	1600.0	1953	1050.0	1963	488.0	1973	668.0
1944	729.0	1954	106.0	1964	1240.0	1974	2360.0
1945	615.0	1955	43.0	1965	418.0	1975	1140.0
1946	476.0	1956	1200.0	1966	207.0	1976	736.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7727	2.7727
STANDARD DEVIATION	0.4690	0.4690
SKEW COEFFICIENTS		
STATION	-0.0776	-0.0776
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.0955 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	40	40
PERIOD (YEARS)	40	40

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	33.9	33.3	26.5	16.1	56.1
0.9900	45.2	44.6	37.5	22.8	72.2
0.9500	98.0	97.5	90.6	58.2	143.3
0.9000	147.2	146.9	139.2	94.4	206.9
0.8000	239.8	240.1	233.7	166.3	324.8
0.5000	600.8	602.8	602.8	453.2	802.7
0.2000	1475.9	1477.1	1514.7	1091.0	2135.5
0.1000	2342.4	2337.2	2455.2	1663.0	3625.1
0.0400	3811.1	3785.2	4100.3	2559.4	6396.0
0.0200	5202.4	5148.0	5789.5	3355.6	9225.3
0.0100	6868.3	6770.6	7853.4	4263.3	12809.6

10318000 NORTH FORK HUMBOLDT RIVER NEAR HALLECK, NV 1/

LOCATION.--Lat 40°56', long 115°33', in SE¼ sec.9, T.35 N., R.57 E., Elko County, Hydrologic Unit 16040102, 150 ft (46 m) downstream from Southern Pacific Railroad bridge, 0.2 mi (0.3 km) upstream from mouth, and 6 mi (10 km) west of Halleck.

DRAINAGE AREA.--1,020 mi^2 (2,640 km^2), approximately.

REMARKS.--Many diversions for irrigation above station.

1/ Published as "at Peko", 1898-1900, and as "near Elburz", 1903-6.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1899							1						25	13	8	2	12	29	18	21	24	33	17	5	14	10	11	43	30	19	11	11	4	4	
1905	27	2	12	14	15	7	9		6					9	23	5	35	74	43	62	22														
1906	32			2	22	11	8		2		8	2	5	29	2	6	6	9	10	46	4	44	15	30	41	14	15	2						
1907	31			5			3		6		10	2	3	8	30	4	12	8	54	8	4	7	10	18	12	16	18	38	17	21	14	6			
1908				25			10	23	7		6	2	11	6	13	1	36	95	58	19	26	4	6	2	4	3	4	1	3	1					
1909				2			15	3	1		4	4	57		26	6	29	36	15	13	10	28	35	33	26	8	6	3	5						
1912									12		17	44	7	101	6	1	5	12	10	18	5	13	14	14	31	12	19	8	7	3	7				
1913							10	1	5		8	22		25	52	6	46	32	6	8	14	36	22	22	20	16	9	4	1							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	90	2922	100.0	12	5.2	108	2464	84.3	24	130	148	572	19.5
1	0.10	2	2832	96.9	13	6.8	191	2356	80.6	25	180	79	424	14.5
2	0.30	12	2830	96.9	14	8.9	160	2165	74.1	26	230	82	345	11.8
3	0.50	48	2818	96.4	15	12.0	31	2005	68.6	27	300	99	263	9.0
4	0.60	37	2770	94.8	16	15.0	181	1974	67.6	28	400	63	164	5.6
5	0.80	18	2733	93.5	17	20.0	295	1793	61.4	29	520	44	101	3.4
6	1.00	56	2715	92.9	18	26.0	214	1498	51.3	30	680	32	57	1.9
7	1.30	27	2659	91.0	19	34.0	195	1284	43.9	31	890	17	25	.8
8	1.70	39	2632	90.1	20	45.0	109	1089	37.3	32	1200	4	8	.2
9	2.30	0	2593	88.7	21	59.0	165	980	33.5	33	1500	4	4	.1
10	3.00	53	2593	88.7	22	78.0	119	815	27.9	34				
11	3.90	76	2540	86.9	23	100.0	124	696	23.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1899	0.30	3	0.30	3	0.40	3	0.40	3	0.53	3	2.30	4	3.60	4	5.10	4	11.00	5
1905	5.00	7	5.00	6	5.00	6	5.00	6	5.00	6	5.90	5	8.20	5	10.00	6	13.00	6
1906	0.00	1	0.00	1	0.00	1	0.00	1	0.03	2	0.25	2	0.37	1	0.65	1	3.70	1
1907	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.47	2	2.00	2	9.70	3
1908	4.00	6	5.30	7	7.70	7	9.10	7	10.00	7	12.00	7	17.00	7	18.00	7	19.00	7
1909	0.51	4	0.50	4	0.50	4	0.50	4	0.67	4	0.84	3	1.20	3	2.30	3	3.90	2
1913	4.00	5	4.00	5	4.00	5	4.10	5	4.70	5	7.20	6	9.40	6	9.60	5	10.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1899	1580.0	1	1570.0	1	1500.0	1	1180.0	1	859.0	1	617.0	1	652.0	1	594.0	1	448.0	1
1905	57.0	8	54.0	8	53.0	8	49.0	8	44.0	8	39.0	8	38.0	8	36.0	8	33.0	8
1906	334.0	7	314.0	7	280.0	7	263.0	6	225.0	5	182.0	4	174.0	4	153.0	4	122.0	4
1907	1020.0	2	1020.0	2	970.0	2	822.0	2	678.0	2	512.0	2	487.0	2	442.0	2	346.0	2
1908	530.0	4	485.0	5	391.0	5	278.0	5	172.0	7	94.0	7	74.0	7	69.0	7	54.0	7
1909	502.0	5	493.0	4	453.0	4	348.0	4	248.0	4	178.0	5	160.0	5	140.0	5	112.0	5
1912	756.0	3	756.0	3	746.0	3	623.0	3	475.0	3	347.0	3	279.0	3	227.0	3	165.0	3
1913	414.0	6	371.0	6	320.0	6	260.0	7	183.0	6	140.0	6	142.0	6	133.0	6	102.0	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

	OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)												
	8.97	14.4	17.3	30.4	66.4	128	256	163	245	81.4	23.5	9.60
	52.9	65.7	56.6	360	4477	6852	75100	12740	43080	16490	1654	187
	7.27	8.11	7.54	19.0	70.5	82.8	274	113	208	128	40.7	13.7
	0.40	0.22	-0.58	0.79	2.42	0.78	1.62	0.66	1.25	2.65	2.94	2.12
	0.81	0.56	0.42	0.62	1.06	0.65	1.07	0.69	0.85	1.58	1.73	1.43
	0.86	1.37	1.71	2.91	6.36	12.3	24.5	15.6	23.4	7.80	2.25	0.92

10318000 NORTH FORK HUMBOLDT RIVER NEAR HALLECK, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
93.3	5915	76.9	1.33	0.82	-0.311

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.79	1.08	1.20	1.39	1.67	2.02	2.20	2.08	2.24	1.50	0.86	0.56
0.19	0.09	0.05	0.11	0.13	0.08	0.22	0.17	0.16	0.48	0.68	0.48
0.44	0.31	0.23	0.33	0.36	0.29	0.47	0.41	0.40	0.69	0.82	0.69
-0.39	-0.82	-0.92	-0.77	0.78	0.08	-0.02	-1.06	-0.37	-0.65	-0.79	0.13
0.56	0.28	0.19	0.24	0.22	0.14	0.21	0.20	0.18	0.46	0.96	1.24
4.48	6.11	6.85	7.90	9.50	11.5	12.5	11.8	12.7	8.55	4.89	3.17

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.85	0.12	0.35	0.13	0.19	-0.325

10318500 HUMBOLDT RIVER NEAR ELKO, NV

LOCATION.--Lat 40°56'00", long 115°38'00", in SE¼NE¼ sec.11, T.35 N., R.56 E., Elko County, Hydrologic Unit 16040101, on right bank 1 mi (2 km) southwest of Ryndon, 1.5 mi (2.4 km) upstream from Jackson Creek, 5 mi (8 km) downstream from North Fork, and 10 mi (16 km) northeast of Elko.

DRAINAGE AREA.--2,800 mi^2 (7,252 km^2), approximately.

REMARKS.--Diversions for irrigation of 95,800 acres (388 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1896								2				1	5		17	15	39	45	41	28	15	6	37	3	3	42	23	10	4	6	24				
1897													4	20	12	9	16	18	12	33	57	24	34	16	4	4	13	7	9	13	42	18			
1898								53			7	1	9	2	2	2	7	16	10	34	54	23	20	26	24	49	24	2							
1899												9	18		14	22	27	21	7	14	15	17	37	15	15	6	12	17	16	34	40	9			
1900	24							1				2		21	9	3	3	3	10	7	21	35	26	53	46	51	9	24	17							
1901						10	5	6				3		14	15	29	15	5	18	45	61	5	3	6	22	42	24	18	6	5	6	2			
1902								39				8	9	26	62	8	6		5	4	14	36	22	30	16	25	23	15	8	9					
1945															37	19	17	14	49	17	21	9	2	24	11	11	36	14	18	34	24	8			
1946												15	22	7	3	4	4	13	14	22	35	50	25	13	8	13	19	48	25	25					
1947							5	45	7	1	3	1	3	3	1	4	3	2	15	31	38	27	45	49	47	15	16	4							
1948	11	2	4	2	2	8	17	21	19	10	1		1	2	1	5	4	7	28	52	26	15	37	34	27	4	9	12	5						
1949							6	49	26	7	4	4	3	11	26	37	43	16	8	5	9	4	5	4	5	20	21	12	29	11					
1950								5	56	8	4	5	8	3	7	29	46	4	3	2	12	14	7	19	24	36	39	17	8	9					
1951								34	19	9	2	4	2	3	4	5	14	21	12	2	6	24	28	26	18	27	32	37	24	11	1				
1952								7	19	16	8	6	7	5	7	6	8	31	46	37	20	16	10	4	9	5	7	11	8	10	34	15	13	1	
1953								1	17	7	4	5	4	11	12	20	35	16	20	9	6	18	42	67	21	16	5	14	15						
1954						14	25	21	12	4	1	7	3	7	19	17	11	41	35	30	16	21	9	25	39	8									
1955						4	13	36	60	7	5	4	49	27	15	4	4	12	7	7	6	18	40	20	18	2	5	2							
1956							17	19	44	5	12	4	12	16	4	5	4	2	6	6	10	10	31	19	17	19	24	40	17	17	4	2			
1957								8	21	31	4	6	3	7	10	6	29	6	46	13	8	5	7	9	36	33	19	18	13	14	9	4			
1958									14	25	9	7	10	11	3	6	15	21	26	31	25	8	13	7	18	17	35	33	12	13	6				
1959							2	49	20	3	4	4	7	12	19	12	29	23	42	33	43	55	8												
1960						3	12	26	26	29	17	55	31	9	5	6	19	12	3	2	2	3	13	38	33	19	3								
1961			2		1	9	7	36	31	14	15	9	39	38	9	4	8	7	9	53	21	23	15	8	7									
1962									17	49	22	13	17	10	5	29	9	11	6	5	4	7	18	9	15	13	20	29	15	35	4	1	1	1	
1963								6	29	9	13	4	13	15	18	22	28	21	13	2	6	43	44	10	11	12	8	9	6	6	17				
1964								4	16	38	6	5	10	2	8	4	5	5	73	55	11	7	5	4	10	9	31	16	10	17	14	1			
1965										9	4	5	2	4	3	7	9	9	11	23	24	20	14	26	37	56	36	25	20	13	8				
1966								11	45	13	5	3	3	3	8	5	6	3	9	28	84	60	25	8	9	18	11	6	2						
1967									4	23	27	26	17	21	15	19	8	7	17	7	9	18	17	15	50	17	5	9	15	14	5				
1968												3	28	11	16	16	60	63	9	17	13	26	43	26	13	11	5	1	5						
1969												8	23	21	9	6	22	4	8	20	42	24	42	12	16	7	14	20	7	26	23	10	1		
1970													1	7	6	10	13	26	31	38	20	12	9	57	38	28	9	19	14	16	8	3			
1971															3		6	4	39	18	19	18	33	30	14	33	29	35	16	11	37	20			
1972													17	28	9	5	7	5	4	29	12	34	42	25	23	35	38	19	18	12	4				
1973								2	4	7	3	2	2	11	10	12	11	11	6	17	23	33	22	15	33	9	10	21	58	23	14	6			
1974										38	6	4	4	3	6	8	5	11	2	3	14	67	21	11	31	14	19	28	49	20	1				
1975										2	15	6	4	1	3	3	14	20	38	14	34	30	3	7	8	19	26	23	11	19	31	19	15		
1976										13	10	14	3	3	8	9	4	18	7	4	18	17	51	46	23	11	66	37	1	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	35	14244	100.0
1	0.10	2	14209	99.8
2	0.20	6	14207	99.7
3	0.30	2	14201	99.7
4	0.40	21	14199	99.7
5	0.50	68	14178	99.5
6	0.70	130	14110	99.1
7	0.90	498	13980	98.1
8	1.30	501	13482	94.7
9	1.80	346	12981	91.1
10	2.40	208	12635	88.7
11	3.30	281	12427	87.2
12	4.6	380	12146	85.3
13	6.3	404	11766	82.6
14	8.7	432	11362	79.8
15	12.0	428	10930	76.7
16	16.0	677	10502	73.7
17	23.0	556	9825	69.0
18	31.0	725	9269	65.1
19	43.0	833	8544	60.0
20	59.0	949	7711	54.1
21	81.0	842	6762	47.5
22	110.0	883	5920	41.6
23	150.0	844	5037	35.4
24	210	710	4193	29.4
25	290	819	3483	24.4
26	400	710	2664	18.7
27	550	660	1954	13.7
28	750	427	1294	9.0
29	1000	407	867	6.0
30	1400	335	460	3.2
31	2000	108	125	.8
32	2700	15	17	.1
33	3700	2	2	
34				

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1897	10.00 34	10.00 33	10.00 31	10.00 31	13.00 31	18.00 31	26.00 31	33.00 31	48.00 28
1898	5.00 30	5.00 30	5.30 30	6.10 30	6.60 29	10.00 29	16.00 29	25.00 28	43.00 26
1899	1.00 14	1.00 14	1.00 14	1.00 13	1.00 9	1.20 7	2.80 11	4.90 9	10.00 9
1900	32.00 36	32.00 36	35.00 36	38.00 36	69.00 37	101.00 37	130.00 37	148.00 37	164.00 37
1901	0.00 1	0.00 1	0.00 1	0.00 1	1.00 10	4.70 21	7.70 21	14.00 23	30.00 21
1902	0.51 6	0.50 6	0.56 5	0.58 5	2.30 22	5.90 23	6.30 20	7.20 13	12.00 10
1946	10.00 35	10.00 31	11.00 32	12.00 33	15.00 33	23.00 33	32.00 32	48.00 32	77.00 34
1947	3.40 26	3.50 26	3.80 26	4.20 26	4.50 26	8.20 28	20.00 30	32.00 30	58.00 31
1948	0.80 9	0.80 9	0.83 8	0.89 9	0.95 6	1.10 5	1.30 5	5.40 10	20.00 18
1949	0.00 2	0.00 2	0.00 2	0.03 2	0.27 1	0.57 1	0.75 1	2.60 7	8.10 8
1950	0.80 10	0.80 10	0.83 9	0.86 8	1.00 7	1.20 8	1.40 7	2.80 8	7.40 7

10318500 HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1951	1.10 15	1.20 15	1.20 15	1.40 17	1.40 15	1.60 13	4.50 17	12.00 20	53.00 29
1952	0.90 13	0.90 13	0.90 11	0.91 11	1.00 8	1.20 9	2.90 12	8.40 15	17.00 13
1953	1.70 24	1.70 22	1.70 23	1.80 24	2.40 23	5.10 22	8.70 24	12.00 21	30.00 22
1954	1.20 17	1.30 18	1.30 18	1.40 18	1.90 21	4.60 20	8.30 22	13.00 22	18.00 15
1955	0.40 4	0.40 4	0.40 3	0.42 3	0.48 2	0.60 2	0.77 2	0.81 1	1.80 1
1956	0.40 5	0.40 5	0.50 4	0.54 4	0.62 3	0.77 3	0.91 3	1.40 2	7.30 6
1957	0.80 11	0.80 11	0.83 10	0.90 10	1.10 11	1.20 10	3.00 13	6.50 11	18.00 16
1958	1.50 20	1.50 19	1.50 19	1.50 19	1.70 17	2.00 16	5.40 18	15.00 24	26.00 20
1959	1.50 21	1.50 20	1.60 21	1.60 21	1.80 18	3.20 19	5.70 19	8.60 16	17.00 14
1960	0.80 12	0.87 12	0.94 12	1.00 12	1.10 12	1.10 6	1.30 6	1.50 3	2.50 2
1961	0.60 7	0.63 7	0.66 7	0.71 7	0.87 4	1.00 4	1.10 4	1.50 4	3.20 3
1962	0.20 3	0.27 3	0.61 6	0.69 6	0.91 5	1.30 11	1.60 8	1.80 5	3.90 4
1963	1.70 22	1.70 23	1.70 22	1.80 22	1.80 19	2.80 18	4.20 16	7.60 14	12.00 11
1964	1.20 18	1.20 16	1.20 16	1.20 14	1.30 13	1.60 14	3.20 14	10.00 18	22.00 19
1965	1.70 23	1.70 24	1.80 24	1.80 23	1.90 20	2.20 17	4.20 15	9.10 17	58.00 30
1966	40.00 37	40.00 37	42.00 37	44.00 37	48.00 36	57.00 36	71.00 36	76.00 36	76.00 32
1967	1.10 16	1.20 17	1.20 17	1.30 15	1.30 14	1.40 12	1.70 9	2.00 6	4.20 5
1968	2.40 25	2.40 25	2.60 25	2.70 25	3.00 24	7.10 26	8.30 23	12.00 19	16.00 12
1969	4.40 28	4.60 28	4.70 28	5.30 28	7.00 30	14.00 30	13.00 27	17.00 25	35.00 24
1970	4.10 27	4.10 27	4.40 27	4.50 27	4.90 27	6.50 25	12.00 26	20.00 27	34.00 23
1971	9.80 32	11.00 34	14.00 34	16.00 34	20.00 34	27.00 34	36.00 33	57.00 34	95.00 35
1972	9.00 31	10.00 32	18.00 35	24.00 35	29.00 35	40.00 35	52.00 35	70.00 35	98.00 36
1973	4.90 29	4.90 29	5.10 29	5.40 29	6.50 28	7.60 27	11.00 25	19.00 26	42.00 25
1974	0.76 8	0.80 8	0.94 13	1.30 16	3.10 25	6.00 24	15.00 28	28.00 29	46.00 27
1975	1.50 19	1.50 21	1.50 20	1.50 20	1.50 16	1.70 15	2.60 10	6.60 12	19.00 17
1976	10.00 33	11.00 35	11.00 33	11.00 32	14.00 32	22.00 32	36.00 34	51.00 33	76.00 33

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1896	1850.0 15	1830.0 14	1780.0 13	1760.0 8	1610.0 8	1080.0 8	850.0 10	710.0 13	498.0 16
1897	2400.0 7	2370.0 6	2300.0 3	2100.0 4	1980.0 2	1860.0 2	1560.0 2	1250.0 4	860.0 4
1898	565.0 34	535.0 34	511.0 34	448.0 34	410.0 34	362.0 31	310.0 31	306.0 30	245.0 30
1899	2340.0 9	2340.0 7	2240.0 4	2080.0 5	1810.0 6	1500.0 7	1470.0 4	1270.0 3	916.0 3
1900	945.0 30	924.0 30	886.0 27	848.0 27	755.0 27	624.0 26	496.0 27	421.0 27	332.0 26
1901	2310.0 10	2100.0 10	1900.0 11	1450.0 14	957.0 20	622.0 27	539.0 25	545.0 21	390.0 21
1902	1140.0 26	1120.0 25	1110.0 24	1010.0 24	773.0 25	636.0 25	533.0 26	445.0 26	330.0 27
1945	2480.0 5	2420.0 5	2210.0 5	1790.0 7	1610.0 7	1520.0 6	1300.0 6	1100.0 6	825.0 6
1946	1360.0 23	1340.0 22	1310.0 21	1260.0 20	1140.0 16	966.0 12	869.0 8	782.0 8	569.0 9
1947	671.0 33	629.0 33	563.0 33	515.0 32	417.0 33	326.0 33	276.0 32	259.0 32	216.0 31
1948	983.0 27	929.0 29	844.0 28	733.0 29	602.0 29	381.0 30	327.0 30	285.0 31	213.0 32
1949	1370.0 22	1340.0 23	1250.0 22	1050.0 22	883.0 22	809.0 20	672.0 19	542.0 22	362.0 25
1950	1210.0 25	1150.0 24	1090.0 25	1010.0 23	816.0 23	641.0 24	565.0 24	495.0 25	377.0 23
1951	1560.0 20	1360.0 21	1250.0 23	985.0 25	783.0 24	769.0 21	682.0 18	638.0 17	503.0 14
1952	3720.0 2	3450.0 2	3140.0 1	2950.0 1	2620.0 1	2130.0 1	1750.0 1	1390.0 1	937.0 2
1953	940.0 31	933.0 27	924.0 26	850.0 26	761.0 26	539.0 28	416.0 28	356.0 29	286.0 29
1954	237.0 38	218.0 38	214.0 38	199.0 38	189.0 37	171.0 36	143.0 36	124.0 36	91.0 36
1955	408.0 36	390.0 36	355.0 36	260.0 36	217.0 36	158.0 37	137.0 37	121.0 37	83.0 37
1956	2120.0 13	2060.0 12	1840.0 12	1550.0 11	1210.0 13	890.0 17	847.0 11	744.0 11	554.0 12
1957	2180.0 11	2090.0 11	2030.0 9	1710.0 9	1440.0 9	1060.0 9	803.0 14	672.0 15	527.0 13
1958	1600.0 19	1560.0 18	1490.0 17	1310.0 17	1020.0 19	888.0 18	741.0 17	641.0 16	475.0 19
1959	135.0 39	130.0 39	120.0 39	113.0 39	103.0 39	96.0 39	88.0 39	80.0 39	67.0 39
1960	447.0 35	433.0 35	396.0 35	328.0 35	276.0 35	236.0 35	245.0 34	212.0 34	143.0 35
1961	286.0 37	272.0 37	248.0 37	218.0 37	158.0 38	106.0 38	104.0 38	93.0 38	68.0 38
1962	5610.0 1	3540.0 1	2190.0 7	1280.0 19	1160.0 14	992.0 11	851.0 9	745.0 10	613.0 8
1963	1860.0 14	1770.0 15	1620.0 15	1570.0 10	1360.0 11	903.0 15	662.0 20	526.0 24	375.0 24
1964	2130.0 12	1920.0 13	1650.0 14	1530.0 13	1370.0 10	935.0 13	847.0 12	719.0 12	488.0 17
1965	1620.0 18	1590.0 17	1490.0 18	1370.0 15	1140.0 15	930.0 14	805.0 13	685.0 14	558.0 11
1966	826.0 32	800.0 32	726.0 31	592.0 30	485.0 30	344.0 32	265.0 33	218.0 33	174.0 33
1967	1730.0 16	1700.0 16	1530.0 16	1310.0 16	1120.0 17	825.0 19	625.0 22	537.0 23	390.0 22
1968	973.0 28	929.0 28	791.0 30	582.0 31	433.0 32	273.0 34	213.0 35	196.0 35	161.0 34
1969	2720.0 3	2510.0 3	2410.0 2	2210.0 2	1870.0 4	1580.0 5	1270.0 7	1050.0 7	738.0 7
1970	2370.0 8	2210.0 9	1900.0 10	1540.0 12	1300.0 12	1010.0 10	764.0 16	616.0 19	502.0 15
1971	2410.0 6	2310.0 8	2090.0 8	2020.0 6	1960.0 3	1840.0 3	1500.0 3	1270.0 2	974.0 1
1972	1640.0 17	1530.0 19	1320.0 20	1080.0 21	928.0 21	700.0 22	588.0 23	618.0 18	486.0 18
1973	1530.0 21	1500.0 20	1470.0 19	1290.0 18	1090.0 18	890.0 16	802.0 15	746.0 9	568.0 10
1974	1340.0 24	938.0 26	836.0 29	780.0 28	753.0 28	677.0 23	633.0 21	577.0 20	441.0 20
1975	2590.0 4	2460.0 4	2200.0 6	2160.0 3	1840.0 5	1590.0 4	1350.0 5	1110.0 5	834.0 5
1976	958.0 29	842.0 31	656.0 32	507.0 33	465.0 31	410.0 29	401.0 29	384.0 28	295.0 28

10318500 HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.3	45.6	58.6	90.5	188	302	517	650	791	201	22.0	9.21
941	3196	1982	6875	26540	35220	203400	265700	270800	53000	1294	350
30.7	56.5	44.5	82.9	163	188	451	515	520	230	36.0	18.7
3.83	3.57	0.77	1.22	1.70	1.26	1.81	1.16	0.45	1.77	2.80	4.20
1.59	1.24	0.76	0.92	0.87	0.62	0.87	0.79	0.66	1.14	1.63	2.03
0.67	1.58	2.02	3.13	6.50	10.4	17.9	22.4	27.3	6.96	0.76	0.32

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
241	17540	132	0.41	0.55	0.074

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.93	1.41	1.61	1.75	2.11	2.40	2.57	2.65	2.74	1.97	0.90	0.55
0.32	0.26	0.18	0.24	0.18	0.07	0.13	0.18	0.24	0.41	0.44	0.31
0.57	0.51	0.42	0.49	0.43	0.27	0.36	0.42	0.49	0.64	0.66	0.56
0.18	-0.49	-0.68	-0.65	-0.79	-0.07	-0.02	-0.64	-1.78	-0.72	0.02	0.81
0.61	0.36	0.26	0.28	0.20	0.11	0.14	0.16	0.18	0.33	0.74	1.02
4.31	6.54	7.45	8.10	9.77	11.1	11.9	12.3	12.7	9.13	4.15	2.53

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.30	0.10	0.31	-0.99	0.13	0.249

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1896	1850.0	1948	1020.0	1958	1620.0	1968	1010.0
1897	2400.0	1949	1380.0	1959	142.0	1969	2840.0
1898	565.0	1950	1240.0	1960	453.0	1970	2430.0
1899	2340.0	1951	1650.0	1961	309.0	1971	2430.0
1900	945.0	1952	3860.0	1962	7070.0	1972	1660.0
1901	2340.0	1953	1020.0	1963	1910.0	1973	1550.0
1902	1140.0	1954	337.0	1964	2220.0	1974	1520.0
1945	2530.0	1955	414.0	1965	1670.0	1975	2650.0
1946	1370.0	1956	2180.0	1966	930.0	1976	993.0
1947	692.0	1957	2250.0	1967	1760.0		

10318500 HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1308	3.1308
STANDARD DEVIATION	0.3282	0.3282
SKEW COEFFICIENTS		
STATION	-0.8612	-0.8612
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.2421 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	39	39
PERIOD (YEARS)	39	39

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	106.1	162.6	135.0	94.8	238.5
0.9900	147.4	203.9	177.6	124.7	290.0
0.9500	333.6	371.0	350.8	255.8	489.1
0.9000	491.7	504.2	483.8	367.5	643.2
0.8000	753.4	723.1	708.6	557.6	895.3
0.5000	1504.5	1393.3	1393.3	1138.9	1708.5
0.2000	2579.1	2571.6	2615.8	2074.5	3343.0
0.1000	3234.0	3483.6	3599.4	2741.3	4747.4
0.0400	3962.1	4755.4	5008.8	3621.4	6852.0
0.0200	4430.6	5775.2	6223.4	4298.0	8638.2
0.0100	4840.4	6847.4	7514.2	4988.4	10595.2

10319000 SOUTH FORK HUMBOLDT RIVER NEAR LEE, NV

LOCATION.--Lat 40°34', long 115°33', in SE¼ sec.16, T.31 N., R.57 E., Elko County, Hydrologic Unit 16040103, on left bank 400 ft (120 m) downstream from Kleckner Creek, and 2.5 mi (4.0 km) east of Lee.

DRAINAGE AREA.--54 mi^2 (140 km^2), approximately.

REMARKS.--A few small diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1946				3	6		12	21	49	34	36	33	15	7	4	6	12	16	12	4	1	5	5	3	3	3	19	17	15	14	10				
1947						21	7	12	21	42	42	35	48	4	4	5	4	16	13	3	10	8	10	3	7	9	17	7	12	5					
1948				1	6	19	8	35	41	81	33	11	7	6	10	5	5	4	8	13	10	6	4	3	2	5	10	5	4	10	14				
1949				7	15	45	76	43	6	19	12	5	10	8	8	4	4	3	4	5	4	6	4	6	10	16	12	3	8	9	13				
1950					7	40	57	42	10	30	14	18	13	6	2	4	6	10	7	11	4	9	9	6	2	4	4	13	11	7	9	7	3			
1951				1	19	28	18	17	2	12	23	36	21	24	18	20	11	4	5	6	4	6	6	17	9	12	7	10	8	5	4	5	2	4	1
1952			1	11	12	22	53	39	35	37	10	7	3	3	5	4	1	3	2	4	7	5	9	5	7	9	11	7	22	11	5	4	12		
1953			3	4	39	77	29	20	16	8	11	11	3	6	12	11	8	3	5	4	6	11	16	11	9	2	7	5	6	8	5	9			
1954				20	18	26	46	51	29	17	19	10	21	8	5	8	3	4	3	3	6	14	17	11	5	3	7	6	5						
1955			2	22	65	55	44	12	14	7	16	11	5	5	14	6	5	6	8	3	5	7	7	4	2	10	7	7	6	1	4	4	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0
1	2.80	2	3652	100.0
2	3.40	26	3650	99.9
3	4.10	112	3624	99.2
4	4.80	177	3512	96.2
5	5.70	322	3335	91.3
6	6.80	318	3013	82.5
7	8.00	294	2695	73.8
8	9.50	216	2401	65.7
9	11.00	296	2185	59.8
10	13.00	211	1889	51.7
11	16.00	171	1678	45.9
12	19.0	146	1507	41.3
13	22.0	86	1361	37.3
14	26.0	74	1275	34.9
15	31.0	72	1201	32.9
16	37.0	60	1129	30.9
17	44.0	71	1069	29.3
18	52.0	62	998	27.3
19	61.0	58	936	25.6
20	73.0	59	878	24.0
21	86.0	77	819	22.4
22	100.0	84	742	20.3
23	120.0	67	658	18.0
24	140	64	591	16.1
25	170	70	527	14.4
26	200	101	457	12.5
27	240	79	356	9.7
28	280	92	277	7.5
29	330	73	185	5.0
30	390	64	112	3.0
31	470	26	48	1.3
32	550	17	22	.6
33	660	4	5	.1
34	780	1	1	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1946	9.00	10	9.00	10	9.00	10	9.40	10	10.00	10	11.00	10	11.00	9	12.00	9	13.00	10
1947	4.60	5	4.60	4	4.80	4	5.80	7	7.00	9	8.70	9	11.00	10	12.00	10	12.00	8
1948	5.70	9	5.90	9	6.00	9	6.20	9	6.40	7	7.40	8	8.50	8	9.50	7	10.00	7
1949	4.60	6	4.80	5	5.00	5	5.60	6	6.60	8	7.00	7	7.30	5	7.30	5	7.40	3
1950	4.40	3	4.40	3	4.60	3	4.90	3	5.30	3	6.20	3	6.70	4	7.20	4	7.70	4
1951	5.60	8	5.60	8	5.80	8	6.00	8	6.30	6	6.90	6	7.50	6	9.90	8	13.00	9
1952	4.40	4	4.90	6	5.00	6	5.10	4	6.00	5	6.30	4	6.50	3	7.00	3	7.90	5
1953	3.70	2	3.80	2	4.10	2	4.40	2	5.00	2	5.40	2	5.50	2	5.70	2	6.60	2
1954	4.80	7	5.20	7	5.50	7	5.60	5	5.80	4	6.80	5	7.60	7	8.00	6	8.30	6
1955	2.90	1	3.30	1	3.90	1	4.00	1	4.00	1	4.20	1	4.30	1	4.60	1	4.90	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1946	439.0	8	430.0	8	424.0	6	394.0	6	338.0	7	313.0	4	270.0	2	218.0	2	152.0	2
1947	369.0	9	358.0	9	327.0	9	295.0	9	280.0	8	235.0	8	188.0	8	154.0	8	108.0	8
1948	454.0	7	442.0	7	429.0	5	415.0	5	379.0	5	278.0	7	209.0	7	166.0	7	114.0	7
1949	464.0	6	453.0	6	411.0	8	379.0	7	350.0	6	288.0	5	235.0	5	187.0	5	128.0	5
1950	636.0	2	612.0	2	548.0	3	505.0	3	415.0	3	342.0	2	260.0	4	210.0	4	144.0	4
1951	802.0	1	777.0	1	699.0	1	542.0	2	443.0	2	333.0	3	265.0	3	215.0	3	150.0	3
1952	615.0	3	604.0	3	594.0	2	573.0	1	467.0	1	393.0	1	324.0	1	267.0	1	181.0	1
1953	542.0	4	515.0	4	500.0	4	471.0	4	395.0	4	281.0	6	224.0	6	181.0	6	126.0	6
1954	319.0	10	311.0	10	295.0	10	269.0	10	214.0	10	159.0	10	130.0	10	104.0	10	73.0	10
1955	474.0	5	460.0	5	423.0	7	348.0	8	271.0	9	194.0	9	145.0	9	114.0	9	78.0	9

10319000 SOUTH FORK HUMBOLDT RIVER NEAR LEE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.94	9.57	10.7	9.45	12.4	20.2	88.6	252	307	106	17.0	6.81
4.94	12.9	33.4	9.15	28.6	70.5	1782	7882	9343	4811	72.0	3.73
2.22	3.59	5.78	3.02	5.35	8.40	42.2	88.8	96.7	69.4	8.48	1.93
1.35	0.65	1.54	0.17	1.08	0.77	0.52	-0.46	-0.67	1.29	1.50	2.27
0.28	0.38	0.54	0.32	0.43	0.42	0.48	0.35	0.32	0.65	0.50	0.28
0.94	1.13	1.26	1.12	1.46	2.38	10.5	29.7	36.2	12.5	2.01	0.80

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
67.2	303	17.4	-0.26	0.26	0.541

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.89	0.95	0.98	0.95	1.06	1.27	1.90	2.37	2.46	1.94	1.19	0.82
0.01	0.03	0.05	0.02	0.04	0.03	0.06	0.03	0.03	0.08	0.04	0.01
0.11	0.16	0.21	0.15	0.19	0.18	0.24	0.18	0.17	0.28	0.20	0.10
0.98	0.05	0.41	-0.81	-0.39	-0.28	-0.91	-1.03	-1.69	-0.02	0.35	1.47
0.12	0.17	0.22	0.16	0.18	0.15	0.13	0.08	0.07	0.14	0.17	0.13
5.28	5.68	5.84	5.68	6.30	7.57	11.3	14.1	14.7	11.6	7.08	4.89

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.81	0.01	0.12	-0.75	0.07	0.597

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1945	815.0	1948	529.0	1951	935.0	1954	357.0
1946	487.0	1949	543.0	1952	687.0	1955	592.0
1947	414.0	1950	762.0	1953	664.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.7737	2.7737	
STANDARD DEVIATION	0.1268	0.1268	
SKEW COEFFICIENTS			
STATION	-0.2152	-0.2152	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	11	11	
PERIOD (YEARS)	11	11	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	264.0	280.0	224.8	174.4	355.3
0.9900	287.7	301.2	255.5	195.1	376.0
0.9500	361.2	367.5	340.9	263.7	440.7
0.9000	406.1	408.6	388.2	308.4	481.4
0.8000	466.2	464.5	452.4	370.6	539.2
0.5000	600.1	593.9	593.9	508.3	693.9
0.2000	761.2	759.3	779.7	654.1	951.7
0.1000	857.0	863.3	908.6	732.7	1143.5
0.0400	968.2	990.0	1076.2	820.8	1401.1
0.0200	1045.2	1081.6	1226.1	881.1	1601.5
0.0100	1118.0	1171.1	1380.7	938.1	1808.1

10319470 WILLOW CREEK TRIBUTARY NEAR JIGGS, NV

LOCATION.--Lat 40°30'47", long 115°39'42", in SW¼NW¼ sec.3, T.30 N., R.56 E., Elko County, Hydrologic Unit 16040103, at culvert on State Highway 46, 6 mi (10 km) north of Jiggs.

DRAINAGE AREA.--0.82 mi^2 (2.12 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	15.0	1966	0	1970	0	1974	0.1
1963	0	1967	0.2	1971	0.1	1975	1.0
1964	1.0	1968	0.1	1972	0	1976	2.0
1965	0.5	1969	0	1973	4.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.6554 S	-0.7289 S
STANDARD DEVIATION	0.9033 S	1.0261 S
SKEW COEFFICIENTS		
STATION	0.4904	0.4904
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6667	0.6667
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.2	0.2	0.2	0.1	0.5
0.2000	1.2	1.4	1.6	0.5	5.9
0.1000	3.5	3.9	5.2	1.2	23.5
0.0400	11.7	11.7	18.8	3.1	107.0
0.0200	26.8	23.9	47.3	5.6	289.7
0.0100	58.1	45.5	121.5	9.4	715.0

10319500 HUNTINGTON CREEK NEAR LEE, NV

LOCATION.--Lat 40°33'45", long 115°43'00", in NW¼NW¼ sec.19, T.31 N., R.56 E., Elko County, Hydrologic Unit 16040103, on right bank 500 ft (150 m) downstream from mouth of right bank tributary, 1.6 mi (2.6 km) downstream from Willow Creek, 5.5 mi (8.8 km) upstream from mouth, and 6 mi (10 km) west of Lee.

DRAINAGE AREA.--770 mi^2 (1,990 km^2), approximately.

REMARKS.--Diversions for irrigation of 17,700 acres (71.6 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949								3	21	18	22	39	39	40	65	7	5	6	7	4	9	20	13	23	12	9	3								
1950									4	11	22	31	23	19	60	35	8	18	17	36	22	15	19	11	12	2									
1951										7	34	25	28	13	11	23	12	42	14	27	39	27	14	26	11	5	5	2							
1952										8	19	51	47	62	38	16	20	11	6	3	2	3	3	9	12	17	17	10	9	2	1				
1953										17	30	11	29	27	27	41	22	66	59	14	7	5	4	6											
1954						1	6	38	14	25	13	27	36	73	30	22	15	34	30	1															
1955					1	5	7	13	13	28	23	39	71	57	22	18	17	25	11	4	2	5	3	1											
1956							4	11	16	22	27	26	22	32	4	13	8	31	18	15	12	11	18	39	18	10	3	6							
1957								3	5	23	23	20	57	69	14	15	14	34	22	14	7	12	3	3	13	6	4	4							
1958								10	16	17	27	27	20	37	31	24	15	7	13	29	31	10	12	17	12	8	2								
1959		1	4	7		10	9	31	30	16	19	45	24	20	38	66	37	8																
1960							11	20	43	25	23	67	39	39	27	35	16	12	5	4															
1961							2	13	48	31	23	22	47	35	14	20	24	26	17	15	17	8	2	1											
1962										30	51	39	15	18	25	16	7	20	14	28	8	21	11	17	14	10	14	4	1			1	1		
1963									5	27	17	23	31	64	15	13	35	47	9	5	13	12	8	15	6	18		2							
1964											15	36	26	33	65	45	15	16	7	8	2	1	15	18	19	34	7	3		1					
1965												3	26		15	36	27	32	36	41	49	35	11	20	11	19	4								
1966								13	42	22	21	5	11	17	8	36	37	83	21	5	6	21	7	2	2	3	3								
1967										1	30	35	15	54	38	28	6	28	25	32	16	13	5	18	15	5	1								
1968										4	33	17	41	76	60	28	15	14	40	17	2	3	1	9	1	4		1							
1969										10	37	13	19	9	13	49	29	26	35	27	15	8	4	14	22	32	3								
1970											12	11	45	64	14	13	25	76	30	13	13	7	8	14	9	10	1								
1971											4	11	20	17	19	30	28	44	24	46	24	18	7	6	12	12	14	17	6	5	1				
1972								5	16	27	19	16	7	10	25	27	34	48	26	17	21	26	31	10	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8766	100.0	12	5.2	742	6764	77.2	24	140	199	573	6.5
1	0.10	1	8766	100.0	13	6.9	870	6022	68.7	25	180	199	374	4.2
2	0.30	4	8765	100.0	14	9.0	702	5152	58.8	26	240	81	175	1.9
3	0.50	7	8761	99.9	15	12.0	678	4450	50.8	27	310	56	94	1.0
4	0.60	1	8754	99.9	16	16.0	467	3772	43.0	28	410	17	38	.4
5	0.80	16	8753	99.9	17	20.0	763	3305	37.7	29	540	15	21	.2
6	1.00	39	8737	99.7	18	27.0	491	2542	29.0	30	700	3	6	
7	1.30	160	8698	99.2	19	35.0	408	2051	23.4	31	920	1	3	
8	1.80	273	8538	97.4	20	46.0	318	1643	18.7	32	1200	1	2	
9	2.30	361	8265	94.3	21	61.0	280	1325	15.1	33	1600	1	1	
10	3.00	533	7904	90.2	22	80.0	199	1045	11.9	34				
11	4.00	607	7371	84.1	23	100.0	273	846	9.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1950	1.60	10	1.70	10	1.90	10	2.10	9	2.20	9	2.60	9	3.40	9	4.20	9	6.10	10
1951	2.20	12	2.20	12	2.30	12	2.40	12	3.00	15	3.70	15	4.50	15	6.10	17	13.00	19
1952	2.60	15	2.70	16	2.80	16	3.00	16	3.30	16	3.90	16	4.90	16	5.50	13	6.60	12
1953	3.50	19	3.60	20	3.70	19	3.90	19	4.50	20	5.30	20	6.20	20	7.40	20	10.00	18
1954	2.40	13	2.40	13	2.50	13	2.70	13	2.90	12	3.30	12	3.90	11	4.50	10	5.50	8
1955	0.90	3	0.97	3	1.10	3	1.20	4	1.40	2	1.60	2	1.90	3	2.40	3	3.60	3
1956	0.60	2	0.73	2	0.81	2	0.99	2	1.40	3	2.00	6	2.40	6	3.00	6	4.70	6
1957	1.10	5	1.20	6	1.30	5	1.50	5	1.70	5	2.30	7	2.80	7	3.80	8	4.80	7
1958	1.30	7	1.50	7	1.80	9	2.20	10	2.50	10	2.90	10	3.80	10	5.10	11	6.90	13
1959	1.40	8	1.50	8	1.70	8	1.70	8	2.10	8	2.50	8	3.00	8	3.60	7	5.80	9
1960	0.20	1	0.27	1	0.34	1	0.47	1	0.74	1	1.20	1	1.40	1	1.70	1	2.70	1
1961	1.00	4	1.10	4	1.20	4	1.20	3	1.50	4	1.70	3	1.90	2	2.10	2	3.40	2
1962	1.20	6	1.20	5	1.50	6	1.60	6	1.80	6	2.00	4	2.20	4	2.60	4	4.30	5
1963	2.40	14	2.50	14	2.50	14	2.70	14	2.90	13	3.50	14	4.40	14	5.50	14	6.30	11
1964	1.90	11	2.00	11	2.20	11	2.40	11	2.50	11	3.00	11	4.00	12	5.50	15	6.90	14
1965	3.50	20	3.50	19	3.70	20	4.00	20	4.20	19	4.70	19	5.30	17	6.90	19	14.00	20
1966	11.00	23	12.00	23	12.00	23	12.00	23	13.00	23	14.00	23	15.00	23	16.00	23	19.00	23
1967	1.50	9	1.50	9	1.60	7	1.70	7	1.80	7	2.00	5	2.30	5	2.70	5	4.10	4
1968	2.90	17	3.10	18	3.40	18	3.60	18	3.80	18	4.40	17	5.30	18	6.10	16	7.10	15
1969	2.90	18	2.90	17	2.90	17	3.00	17	3.40	17	4.40	18	5.50	19	6.80	18	9.60	17
1970	2.70	16	2.70	15	2.80	15	2.90	15	3.00	14	3.40	13	4.30	13	5.20	12	7.20	16
1971	3.80	22	4.20	22	4.50	22	5.10	22	5.90	22	6.90	22	9.10	22	12.00	22	16.00	21
1972	3.60	21	3.70	21	3.90	21	4.70	21	5.10	21	6.60	21	8.60	21	11.00	21	16.00	22

10319500 HUNTINGTON CREEK NEAR LEE, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	296.0 10	283.0 9	247.0 10	187.0 13	149.0 14	135.0 9	116.0 8	93.0 9	64.0 11
1950	223.0 17	182.0 17	156.0 17	151.0 17	125.0 15	102.0 15	86.0 15	74.0 14	56.0 13
1951	311.0 9	306.0 7	265.0 7	213.0 9	168.0 10	135.0 10	108.0 9	102.0 8	78.0 8
1952	1070.0 2	901.0 2	765.0 1	653.0 1	517.0 1	413.0 1	318.0 1	248.0 1	167.0 1
1953	125.0 19	125.0 18	113.0 18	89.0 19	65.0 19	43.0 19	37.0 20	35.0 19	33.0 18
1954	35.0 23	34.0 23	33.0 23	31.0 22	28.0 22	27.0 22	23.0 21	20.0 22	16.0 22
1955	100.0 21	91.0 21	81.0 20	60.0 21	42.0 21	28.0 21	23.0 22	23.0 21	17.0 21
1956	400.0 5	380.0 5	348.0 4	276.0 4	203.0 6	173.0 6	151.0 4	129.0 5	94.0 5
1957	371.0 6	342.0 6	313.0 5	248.0 5	202.0 7	128.0 12	94.0 12	77.0 13	56.0 14
1958	251.0 14	242.0 13	227.0 12	198.0 11	160.0 11	130.0 11	102.0 11	88.0 10	64.0 9
1959	22.0 24	21.0 24	21.0 24	19.0 24	17.0 24	17.0 24	16.0 23	15.0 23	13.0 23
1960	40.0 22	37.0 22	35.0 22	30.0 23	23.0 23	18.0 23	15.0 24	14.0 24	12.0 24
1961	116.0 20	95.0 20	80.0 21	68.0 20	54.0 20	39.0 20	39.0 19	33.0 20	24.0 20
1962	1630.0 1	1240.0 1	621.0 3	322.0 3	250.0 3	187.0 4	150.0 5	135.0 4	112.0 3
1963	334.0 8	298.0 8	252.0 8	229.0 7	196.0 9	140.0 8	104.0 10	83.0 11	64.0 10
1964	582.0 4	412.0 4	270.0 6	228.0 8	215.0 4	201.0 3	181.0 3	149.0 3	103.0 4
1965	282.0 12	272.0 10	250.0 9	238.0 6	205.0 5	153.0 7	132.0 7	112.0 7	90.0 7
1966	283.0 11	263.0 11	231.0 11	163.0 14	117.0 16	82.0 17	62.0 17	53.0 17	41.0 17
1967	248.0 16	219.0 16	192.0 16	163.0 15	153.0 13	121.0 13	93.0 13	79.0 12	60.0 12
1968	335.0 7	254.0 12	207.0 14	155.0 16	96.0 17	55.0 18	43.0 18	40.0 18	32.0 19
1969	258.0 13	235.0 14	213.0 13	208.0 10	199.0 8	183.0 5	149.0 6	124.0 6	91.0 6
1970	249.0 15	227.0 15	205.0 15	189.0 12	158.0 12	117.0 14	89.0 14	72.0 15	55.0 15
1971	760.0 3	692.0 3	634.0 2	491.0 2	386.0 2	334.0 2	258.0 2	206.0 2	149.0 2
1972	142.0 18	121.0 19	111.0 19	101.0 18	97.0 18	85.0 16	74.0 16	62.0 16	51.0 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.10	10.3	12.9	16.5	34.7	43.0	76.6	108	97.6	17.9	5.06	3.78
6.53	23.1	56.4	107	1350	628	7466	11240	5963	298	22.8	5.97
2.55	4.81	7.51	10.3	36.7	25.1	86.4	106	77.2	17.3	4.77	2.44
1.89	1.20	1.62	0.71	3.04	1.31	2.86	1.39	0.78	1.04	2.65	3.36
0.42	0.47	0.58	0.63	1.06	0.58	1.13	0.98	0.79	0.96	0.94	0.65
1.41	2.38	2.98	3.81	8.03	9.96	17.7	25.0	22.6	4.14	1.17	0.87

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
35.9	465	21.6	0.80	0.60	0.065

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.76	0.97	1.05	1.13	1.40	1.57	1.69	1.76	1.77	1.02	0.58	0.53
0.02	0.03	0.05	0.08	0.11	0.05	0.18	0.32	0.32	0.24	0.10	0.04
0.16	0.18	0.22	0.27	0.33	0.23	0.42	0.57	0.57	0.49	0.32	0.19
0.75	0.56	0.74	0.20	0.74	0.44	0.15	-0.45	-1.25	-0.16	0.66	1.40
0.21	0.19	0.20	0.24	0.23	0.15	0.25	0.32	0.32	0.48	0.55	0.37
5.31	6.83	7.41	7.97	9.85	11.1	11.9	12.4	12.4	7.17	4.07	3.70

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.47	0.09	0.30	-0.58	0.21	0.322

10319500 HUNTINGTON CREEK NEAR LEE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1949	532.0	1956	422.0	1963	369.0	1970	263.0
1950	242.0	1957	388.0	1964	740.0	1971	832.0
1951	382.0	1958	257.0	1965	294.0	1972	162.0
1952	1210.0	1959	23.0	1966	424.0	1973	520.0
1953	129.0	1960	72.0	1967	274.0	1974	120.0
1954	37.0	1961	126.0	1968	382.0	1975	2000.0
1955	104.0	1962	2160.0	1969	303.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.4603	2.4603
STANDARD DEVIATION	0.4607	0.4607
SKEW COEFFICIENTS		
STATION	-0.3322	-0.3322
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0089 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	27	27
PERIOD (YEARS)	27	27

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	13.5	18.6	13.9	7.6	33.7
0.9900	18.9	24.3	19.4	10.7	42.2
0.9500	45.9	50.3	45.5	26.5	78.7
0.9000	71.8	74.0	68.6	42.7	110.5
0.8000	120.7	118.2	113.8	75.0	169.0
0.5000	306.0	289.0	289.0	204.7	408.1
0.2000	713.8	705.1	732.4	493.2	1111.9
0.1000	1076.3	1122.8	1210.2	752.1	1945.7
0.0400	1628.9	1842.9	2080.9	1160.9	3585.9
0.0200	2102.0	2537.1	3029.7	1527.7	5348.9
0.0100	2621.8	3381.7	4218.9	1950.6	7681.3

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV

LOCATION.--Lat 40°41'05", long 115°48'45", in NW¼SW¼ sec.5, T.32 N., R.55 E., Elko County, Hydrologic Unit 16040103, on left bank 1.5 mi (2.4 km) upstream from Dixie Creek and 10.5 mi (16.9 km) south of Elko.

DRAINAGE AREA.--1,150 mi^2 (2,978 km^2), approximately.

REMARKS.--Diversions for irrigation of 36,200 acres (147 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1949											2	9	19	48	42	6	56	43	7	7	8	5	5	19	16	19	18	18	12	6					
1950													5	4	20	27	30	16	45	33	18	40	20	16	23	21	12	17	10	8					
1951													7	18	8	18	19	25	6	23	37	41	46	23	13	21	36	8	7	3	4	2			
1952															25	33	66	72	21	9	6	6	10	5	4	12	20	11	15	26	20	5			
1953													18	8	16	6	35	57	10	27	58	44	20	23	4	7	13	6	7	6					
1954						2	18	13	8	12	3	4	9	10	16	9	11	87	10	10	33	52	25	12	4	11	6								
1955							5	6	4	11	23	19	23	23	61	43	6	8	3	62	11	10	6	6	11	10	4	2	8						
1956											2	23	16	11	16	8	54	6	4	14	37	24	16	16	20	25	34	12	4	14	6	4			
1957												1	17	18	22	14	63	49	12	17	25	34	17	6	7	11	5	19	13	6	4	4	1		
1958												4	17	5	13	9	42	55	39	14	16	25	29	19	4	11	17	27	3	8	6	2			
1959		1	6	7	12	5	5	3	3	8	14	9	4	4	20	14	20	54	97	38	12	7	7	11	4										
1960								16	15	16	5	10	17	10	12	22	66	46	5	9	25	32	17	6	9	10	10	8							
1961										28	16	23	26	14	16	41	37	12	12	27	11	11	23	27	9	4	7	14	7						
1962											1	4	32	22	13	36	37	33	11	8	9	16	20	15	19	12	16	16	15	22	6	1	1		
1963												12	19	22	23	33	37	44	39	37	7	5	6	4	6	17	12	5	8	24	5				
1964													7	35	7	2	25	62	60	28	16	4	4	4	20	19	19	9	29	13	3				
1965														10	12	7	15	12	22	31	17	47	55	39	13	15	15	15	22	10	8				
1966										17	24	25	14	7	2	3	2	25	47	73	24	6	23	22	32	11	8								
1967												1	19	20	22	35	30	33	22	15	26	30	27	15	6	10	5	14	22	10	3				
1968														4	27	47	73	41	14	19	23	58	14	10	4	2	5	6	16	3					
1969													34	9	3	18	3	26	18	46	37	32	21	12	6	9	26	39	15	11					
1970													1	7	4	15	34	50	35	16	91	12	10	15	7	10	11	7	19	18	3				
1971																4	21	24	22	54	31	34	41	22	7	9	14	19	11	23	16	13			
1972													11	23	8	7	23	22	46	43	25	17	22	35	38	19	10	6	9	2					
1973														18	30	5	21	29	41	43	17	15	24	15	14	16	18	9	19	16	11	4			
1974													17	27	11	7	28	22	36	25	27	18	31	53	14	10	13	15	11						
1975														12	11	5	59	73	15	16	6	5	18	19	17	17	16	10	15	22	12	16	1		
1976															4	12	18	36	21	59	56	31	50	20	15	13	12	19							

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0
1	0.10	1	10227	100.0
2	0.20	6	10226	100.0
3	0.30	7	10220	99.9
4	0.40	12	10213	99.9
5	0.60	7	10201	99.7
6	0.80	28	10194	99.7
7	1.00	38	10166	99.4
8	1.40	30	10128	99.0
9	1.80	92	10098	98.7
10	2.50	90	10006	97.8
11	3.30	144	9916	97.0
12	4.4	332	9772	95.6
13	5.9	389	9440	92.3
14	8.0	464	9051	88.5
15	11.0	486	8587	84.0
16	14.0	931	8101	79.2
17	19.0	1062	7170	70.1
18	26.0	720	6108	59.7
19	34.0	803	5388	52.7
20	46.0	709	4585	44.8
21	61.0	661	3876	37.9
22	82.0	607	3215	31.4
23	110.0	489	2608	25.5
24	150	346	2119	20.7
25	200	351	1773	17.3
26	260	382	1422	13.9
27	350	331	1040	10.1
28	470	297	709	6.9
29	630	251	412	4.0
30	850	107	161	1.5
31	1100	51	54	.5
32	1500	3	3	
33				
34				

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1950	3.00 7	3.30 7	3.70 8	4.00 8	4.90 9	6.20 8	8.40 8	11.00 9	18.00 14
1951	4.80 15	5.10 17	5.80 19	7.10 19	9.30 21	10.00 21	13.00 18	19.00 23	34.00 24
1952	5.10 18	5.50 19	5.70 17	5.90 16	6.80 17	9.90 20	13.00 19	14.00 15	16.00 10
1953	8.10 22	8.60 22	9.00 22	9.30 22	9.80 22	11.00 22	14.00 21	16.00 19	24.00 19
1954	4.00 10	4.50 12	4.70 11	4.90 12	6.00 14	7.30 12	11.00 15	14.00 16	17.00 11
1955	0.70 2	0.73 2	0.79 2	0.81 2	0.91 2	1.40 2	2.30 2	3.00 1	5.20 1
1956	0.80 3	0.80 3	0.86 3	1.00 3	1.80 4	3.20 6	5.10 6	7.50 6	18.00 12
1957	3.10 8	3.30 8	3.50 7	3.70 7	4.30 7	6.20 7	8.70 9	11.00 7	13.00 6
1958	4.30 11	4.50 13	4.70 12	5.00 13	6.10 15	9.20 17	14.00 22	18.00 21	20.00 16
1959	4.30 12	4.40 10	4.70 13	4.80 10	5.60 12	7.60 13	10.00 13	13.00 13	18.00 13
1960	0.10 1	0.17 1	0.19 1	0.27 1	0.41 1	1.20 1	2.10 1	3.40 2	7.30 2
1961	1.00 4	1.00 4	1.10 4	1.20 4	1.40 3	1.80 3	2.80 3	4.90 4	8.10 4
1962	1.90 6	2.10 6	2.20 6	2.40 6	2.60 5	3.00 4	4.00 5	5.90 5	10.00 5
1963	4.80 16	5.00 16	5.10 15	5.20 15	5.70 13	7.60 14	9.80 10	12.00 10	15.00 8
1964	3.50 9	3.70 9	4.00 9	4.20 9	4.60 8	6.30 9	11.00 14	14.00 14	20.00 17
1965	5.10 19	5.20 18	5.80 18	6.70 18	7.00 18	7.60 15	10.00 11	15.00 17	31.00 22
1966	20.00 27	21.00 27	22.00 27	23.00 27	26.00 27	30.00 27	33.00 27	36.00 27	34.00 23
1967	1.80 5	1.90 5	2.00 5	2.30 5	2.60 6	3.00 5	3.50 4	4.20 3	7.90 3
1968	7.20 21	7.30 21	7.40 21	7.60 21	8.50 20	9.80 19	12.00 16	13.00 11	15.00 9
1969	8.90 23	9.00 23	9.20 23	9.60 23	11.00 23	14.00 23	17.00 23	19.00 22	27.00 21
1970	4.80 17	4.90 14	5.00 14	5.10 14	5.40 10	6.40 10	10.00 12	13.00 12	19.00 15
1971	15.00 25	16.00 26	17.00 26	18.00 26	23.00 26	24.00 26	27.00 25	33.00 25	44.00 27
1972	13.00 24	13.00 24	13.00 24	15.00 24	16.00 24	21.00 24	24.00 24	28.00 24	38.00 25
1973	4.70 14	4.90 15	5.40 16	6.10 17	6.40 16	9.00 16	13.00 20	17.00 20	22.00 18
1974	6.40 20	6.60 20	7.20 20	7.50 20	7.80 19	9.30 18	12.00 17	16.00 18	25.00 20
1975	4.40 13	4.50 11	4.60 10	4.90 11	5.60 11	6.60 11	8.30 7	11.00 8	14.00 7
1976	16.00 26	16.00 25	16.00 25	16.00 25	18.00 25	24.00 25	30.00 26	34.00 26	39.00 26

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	779.0 16	708.0 18	639.0 18	592.0 17	520.0 17	410.0 16	339.0 16	284.0 16	195.0 17
1950	772.0 17	756.0 15	695.0 15	652.0 16	530.0 16	409.0 17	334.0 17	280.0 17	207.0 16
1951	1160.0 8	1120.0 8	1010.0 8	772.0 10	570.0 15	431.0 15	355.0 15	293.0 15	226.0 13
1952	1360.0 4	1280.0 4	1180.0 4	1060.0 3	886.0 3	822.0 3	683.0 3	564.0 2	385.0 3
1953	676.0 20	661.0 20	650.0 17	583.0 19	451.0 19	308.0 18	238.0 19	196.0 20	145.0 21
1954	318.0 27	304.0 26	284.0 27	256.0 26	199.0 26	146.0 27	122.0 27	107.0 27	83.0 27
1955	624.0 21	611.0 21	559.0 21	443.0 23	318.0 24	212.0 24	154.0 26	127.0 26	89.0 26
1956	1260.0 7	1210.0 7	1090.0 6	955.0 6	778.0 5	553.0 7	453.0 7	387.0 6	284.0 6
1957	1520.0 2	1410.0 3	1230.0 2	959.0 5	744.0 6	549.0 8	407.0 11	326.0 10	229.0 12
1958	1100.0 9	1080.0 9	1030.0 7	893.0 7	668.0 11	502.0 13	403.0 13	326.0 11	236.0 10
1959	190.0 28	167.0 28	152.0 28	136.0 28	94.0 28	75.0 28	60.0 28	52.0 28	45.0 28
1960	451.0 24	444.0 24	427.0 24	357.0 25	271.0 25	204.0 25	159.0 25	135.0 25	97.0 25
1961	599.0 22	540.0 22	522.0 22	452.0 22	405.0 21	268.0 23	217.0 23	178.0 23	126.0 23
1962	2400.0 1	1570.0 1	869.0 10	781.0 9	726.0 8	601.0 5	484.0 5	398.0 5	311.0 5
1963	1010.0 10	918.0 11	851.0 11	752.0 11	733.0 7	546.0 9	415.0 10	321.0 12	223.0 15
1964	997.0 11	902.0 13	735.0 14	710.0 14	650.0 12	546.0 10	441.0 8	383.0 7	264.0 9
1965	979.0 12	954.0 10	949.0 9	843.0 8	707.0 9	568.0 6	457.0 6	381.0 8	283.0 7
1966	325.0 26	300.0 27	288.0 26	223.0 27	194.0 27	168.0 26	167.0 24	140.0 24	102.0 24
1967	922.0 13	911.0 12	825.0 13	729.0 13	605.0 13	513.0 12	386.0 14	308.0 14	224.0 14
1968	787.0 15	721.0 16	625.0 19	587.0 18	493.0 18	308.0 19	225.0 21	186.0 22	137.0 22
1969	719.0 19	713.0 17	686.0 16	655.0 15	575.0 14	486.0 14	432.0 9	368.0 9	267.0 8
1970	916.0 14	877.0 14	845.0 12	748.0 12	696.0 10	543.0 11	404.0 12	316.0 13	229.0 11
1971	1280.0 5	1230.0 5	1190.0 3	1150.0 2	967.0 2	861.0 2	694.0 2	561.0 3	405.0 2
1972	745.0 18	671.0 19	582.0 20	524.0 20	396.0 22	288.0 21	232.0 20	218.0 18	170.0 19
1973	1270.0 6	1210.0 6	1120.0 5	1010.0 4	861.0 4	657.0 4	523.0 4	435.0 4	316.0 4
1974	547.0 23	536.0 23	517.0 23	467.0 21	409.0 20	308.0 20	246.0 18	213.0 19	175.0 18
1975	1510.0 3	1470.0 2	1380.0 1	1320.0 1	1070.0 1	921.0 1	744.0 1	604.0 1	434.0 1
1976	443.0 25	442.0 25	424.0 25	412.0 24	368.0 23	271.0 22	217.0 22	188.0 21	149.0 20

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
14.0	24.1	29.8	42.4	63.4	88.0	164	365	469	133	19.8	8.94
63.4	115	251	1164	2193	1744	16220	45930	60270	14470	291	53.7
7.96	10.7	15.8	34.1	46.8	41.8	127	214	245	120	17.1	7.3
0.98	0.53	1.17	1.30	2.12	0.73	2.09	0.66	0.45	1.36	1.75	1.5
0.57	0.45	0.53	0.80	0.74	0.47	0.78	0.59	0.52	0.91	0.86	0.82
0.99	1.70	2.09	2.99	4.46	6.19	11.5	25.7	33.0	9.35	1.39	0.63

10320000 SOUTH FORK HUMBOLDT RIVER ABOVE DIXIE CREEK, NEAR ELKO, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
118	2713	52.1	0.37	0.44	-0.017

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.68	1.34	1.42	1.50	1.71	1.90	2.11	2.48	2.59	1.91	1.12	0.82
0.06	0.04	0.05	0.11	0.09	0.05	0.10	0.09	0.09	0.25	0.21	0.13
0.25	0.21	0.22	0.33	0.29	0.21	0.32	0.29	0.30	0.50	0.46	0.36
-0.14	-0.57	0.32	0.33	-0.04	-0.28	-0.02	-0.60	-1.18	-0.65	-0.89	-0.23
0.23	0.16	0.15	0.22	0.17	0.11	0.15	0.12	0.11	0.26	0.41	0.44
5.41	6.70	7.11	7.53	8.55	9.49	10.5	12.4	13.0	9.56	5.60	4.09

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.03	0.05	0.22	-0.77	0.11	0.157

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1949	807.0	1956	1360.0	1963	1100.0	1970	988.0
1950	835.0	1957	1700.0	1964	1090.0	1971	1400.0
1951	1240.0	1958	1160.0	1965	1020.0	1972	780.0
1952	1700.0	1959	216.0	1966	389.0	1973	1330.0
1953	731.0	1960	499.0	1967	954.0	1974	570.0
1954	343.0	1961	663.0	1968	830.0	1975	1560.0
1955	676.0	1962	2760.0	1969	738.0	1976	466.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9401	2.9401
STANDARD DEVIATION	0.2377	0.2377
SKEW COEFFICIENTS		
STATION	-0.4601	-0.4601
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0184 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	28	28
PERIOD (YEARS)	28	28

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	168.2	210.7	182.1	134.0	285.1
0.9900	203.4	242.0	216.1	159.6	320.6
0.9500	331.5	353.0	335.9	255.6	443.3
0.9000	422.8	431.5	415.5	326.9	528.9
0.8000	558.7	549.9	539.5	437.0	659.1
0.5000	908.4	872.7	872.7	732.9	1039.2
0.2000	1392.0	1381.7	1408.0	1152.6	1738.9
0.1000	1701.0	1755.2	1821.5	1432.2	2315.8
0.0400	2072.1	2263.6	2404.0	1790.6	3164.9
0.0200	2333.4	2667.0	2912.1	2062.1	3881.3
0.0100	2581.7	3090.0	3448.6	2337.9	4667.4

10320500 SOUTH FORK HUMBOLDT RIVER NEAR ELKO, NV

LOCATION.--Lat 40°43'25", long 115°49'45", in NE¼NW¼ sec.30, T.33 N., R.55 E., Elko County, Hydrologic Unit 16040103, on right bank 0.1 mi (0.2 km) upstream from head of canyon, 1.7 mi (2.7 km) downstream from highway bridge, 8.8 mi (14.2 km) upstream from mouth, and 10 mi (16 km) southwest of Elko.

DRAINAGE AREA.--1,310 mi^2 (3,393 km^2), approximately.

REMARKS.--Many diversions for irrigation of 37,200 acres (151 km^2), Humboldt Decree, above station. Station is below all diversions except those of Hunter & Banks ranch 3 mi (5 km) downstream.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1897									3		13	13	10	22	27	5	37	33	35	25	18	5	9	12	12	11	7	20	25	21	2				
1898		21				13							22	1	11	3	6	5	21	47	35	41	40	25	25	32	17								
1899													1		7	7	32	58	10	14	17	24	33	27	28	31	30	18	14	13	1				
1900					30						18		9		2	1	1	11	33	89	21	29	31	32	6	7	22	17	6						
1901												11	22		7	16	4	25	84	38	11	7	19	34	25	12	20	24	1	2	3				
1902	8						8		5			1			1	1	1	10	83	52	45	21	15	2	15	16	32	21	10	16	2				
1903									28	5	5	21	5			2	2	3	79	68	10	7	35	28	14	16	10	9	7	11					
1904									37		9	43	10	66	2	33	1	1	1	4	22	9	13	21	34	17	7	7	25	4					
1906	65														3		49	73			1	18	16	14	10	54	21	22	10	9					
1907	2														18		104	35	32	16	4	5	6	6	19	34	27	13	13	31					
1908																31	15	5	126	40	30	33	28	12	6	12	19	4	5						
1909									9		9	12	6	2	21	7	36	61	12	5	7	18	32	68	19	4	16	10	7	4					
1912												7	5	9	10	79	40	57	18	5	11	8	5	33	21	10	10	20	3	6	9				
1913													27	8	16	1	6	71	57	33	25	21	26	25	11	6	21	11							
1914										8	11	14	6	7	7	4	5	76	49	6	8	6	12	25	22	33	19	25	15	6			1		
1915	51				1	1	4	4	4	2	3	2	2	6	72	9	27	58	38	36	5	10	12	9	5	4									
1916	32	1	2	4	9	15	4	1	7	2	3	6	11	22	69	11	23	5	1		29	11	18	48	16	15	1								
1917	1			3	5	1	8		3		6	10	1	23	61	17	19	47	20	4	6	3	8	21	16	21	24	16	16	4	1				
1918	41						17		2	2	3	6	5	9	17	47	42	34	45	56	15	5	4	7	7	1									
1921	17						2		1		1	24	28	2	3	10	29	67	28		5	1	31		13	38	16	15	6	9	12	7			
1922											30	31	14	1	61	21	69	1		28	6		1	20	16	4	19	33	7	3					
1924	83						8		5		7	1	1	1	1	1	44	23	70	41	9	16	9	23	7	15	1								
1925											2	19	14	5	31	73	28	26	18	26	7	12	11	13	12	16	27	23	2						
1926	72						7		7		6	1	8	1	1	41	51	58	4	15	23	36	17	14	3										
1927									16		7	60	23	11	16	22	15	25	11	11	14	21	26	19	27	12	9	19	1						
1928	59						1		3		3	5	11	22	17	7	6	69	39	24	37	11	14	16	6	7	1	3	5						
1929	21						3		22		6	10	13	8	17	14	83	40	7	32	14	28	7	9	8	13	7	2		1					
1930	6	2	1	6	4	4	8				1	2	1	19	14	72	40	44	15	33	22	14	2	5	4	13	33								
1931	115						4		5		8	6	1		4	10	89	83	37	3															
1932	138						5				2	30	1	1	1	32	4	9	5	5	5	5	1	2	20	42	16	10	16	13	3				
1937									43		14	6	1	16	12	31	13	60	34	3	36	4	9	30	9	24	15	4	1						
1938							2		12		8	36	14	22	13	47	35	31	2	35	5	13	11	17	22	11	12	14	3						
1939									49		6	10	4	13	7	3	14	20	50	87	2	4	9	7	28	49	3								
1940	61						2		4		4	4	2	3	3	67	22	26	23	20	28	3	5	18	24	20	9	16	2						
1941							3		5		7	10	1	7	48	21	50	26	12	16	42	8	10	10	9	19	22	28	7	4					
1942											4	32	5	5	6	3	3	23	12	46	49	24	14	15	14	11	28	31	28	11	1				
1943							10		13		9	25	5	1	2	25	13	9	50	29	16	7	24	32	27	42	22	3	1						
1944									2	8	13	20	9	9	7	52	73	14	7	8	14	14	17	10	7	13	25	29	15						
1945														16	4	12	46	76	8	9	6	46	5	9	18	19	8	24	32	25	2				
1946													12	20	13	10	1	29	71	36	27	8	4	13	21	42	20	34	4						
1947								3		1	15	7	11	18	4	12	18	20	27	40	49	54	28	10	17	22	8	1							
1948	17	1		1	1	1	3	5	2	7	10	3	9	6	9	12	25	59	62	22	14	23	22	19	5	8	13	7							
1949						1	3	3	7	17	17	2	12	7	35	33	49	34	23	10	8	15	5	10	11	26	22	13	2						
1950										3	4	10	14	25	15	30	61	10	19	23	32	10	13	28	27	16	8	12	5						
1951											21	4	5	20	15	12	17	11	19	36	39	34	28	24	35	26	8	4	3	4					
1952												5	18	17	17	46	68	41	13	7	8	7	5	13	7	19	6	16	33	17	3				
1953								4	2	11	2	8	11	15	11	23	52	8	21	70	46	26	14	5	11	10	3	12							
1954	52	3	2			1	2		2	3	11	10	7	8	5	11	85	10	16	52	38	20	8	7	7	5									
1955	24	1	7	4	4	13	19	5	2	16	3	6	41	59	11	10	8	25	46	9	6	6	7	14	6	3	5	5							
1956						5	17	9	8	7	10	13	10	13	4	36	4	3	22	35	19	11	19	20	28	34	11	13	10	5				
1957					2		10	3	3	15	9	4	13	8	52	62	5	14	20	22	26	23	7	7	9	5	22	12	4	5	3				
1958									3	15	4	14	3	15	29	32	41	33	8	21	18	23	22	9	12	27	20	2	10	4					
1959	43	3	5	3	2	3	7	3	3	4	1	9	14	14	12	26	55	91	32	11	6	4	11	3											
1960	35	3	1	9	2	4	5	2	11	16	12	6	1	28	36	33	36	6	5	17	37	21	6	8	14	5	7								
1961	9	1					9	5	25	32	8	18	15	36	37	14	7	27	9	12	16	19	24	11	5	11	15								
1962						7	11	7	5	9	5	10	5	12	38	40	30	10	11	15	14	11	11	24	15	16	15	25	15	2	1		1		
1963	3	1		2		6	12	3	3	8	16	3	13	48	17	34	58	27	15	5	5	4	6	8	19	10	7	19	11	2				
1964									4	10	12	25		1	13	27	92	36	22	7	3	3	3	21	19	18	7	36	5	2				
1965												11	16	2	2	11	12	22	24	23	32	60	34	30	12	24	24	13	6	7				
1966	56	4	1	3	3	5	6	6	2			1	2	4	1	3	33	66	59	12	10	12	23	40	12	1								
1967							1	8	7	7	8	20	9	24	22	46	28	15	20	17	16	28	12	13	14	5	19	19	7						
1968												4	10	59	63	52	13	11	21	46	36	5	10	5	4	5	11	9	2						
1969										1	34	11	3	2	13	17	18	41	24	28	49	10	8	7	9	34	31	19	6						
1970											5	6	3	4	29	37	21	37	11	76	31	10	11	16	12	10	16	14	15	1					
1971															11	21	23	20	58	30	29	37	19	15	15	16	13	15	21	19	3				
1972								2	3	5	12	11	6	8	20	8	24	46	34	31	15	24	34	44	19	6	7	5	2						
1973												11	30	8	10	19	38	43	26	20	13	18	19	15	20	15	15	21	10	12	2				

10320500 SOUTH FORK HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1011	24471	100.0	12	5.3	591	21210	86.7	24	210	970	4603	18.8
1	0.10	41	23460	95.9	13	7.2	819	20619	84.3	25	280	1123	3633	14.8
2	0.20	19	23419	95.7	14	9.8	1163	19800	80.9	26	380	909	2510	10.2
3	0.30	35	23400	95.6	15	13.0	1555	18637	76.2	27	520	817	1601	6.5
4	0.50	63	23365	95.5	16	18.0	2099	17082	69.8	28	710	454	784	3.2
5	0.60	80	23302	95.2	17	24.0	2193	14983	61.2	29	960	273	330	1.3
6	0.80	201	23222	94.9	18	33.0	1914	12790	52.3	30	1300	48	57	.2
7	1.20	73	23021	94.1	19	45.0	1742	10876	44.4	31	1800	7	9	
8	1.60	377	22948	93.8	20	61.0	1302	9134	37.3	32	2400	2	2	
9	2.10	214	22571	92.2	21	83.0	1074	7832	32.0	33				
10	2.90	437	22357	91.4	22	110.0	998	6758	27.6	34				
11	3.90	710	21920	89.6	23	150.0	1157	5760	23.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1898	3.00 43	3.00 43	3.00 43	3.10 39	4.40 45	8.10 48	19.00 51	29.00 55	43.00 59
1899	0.10 20	0.10 20	0.10 19	0.10 17	0.28 13	3.00 24	7.30 31	12.00 35	25.00 44
1900	19.00 62	19.00 62	19.00 61	19.00 60	20.00 59	27.00 61	35.00 61	40.00 61	48.00 62
1901	0.51 24	0.50 23	0.50 23	0.50 22	0.50 17	2.90 21	9.10 41	17.00 48	26.00 45
1902	4.00 50	4.00 50	4.00 49	4.60 48	5.90 48	13.00 52	21.00 54	28.00 54	35.00 53
1903	0.00 1	0.00 1	0.00 1	0.43 20	1.90 26	14.00 53	24.00 56	27.00 53	35.00 54
1904	2.00 36	2.00 37	2.00 34	2.00 30	2.10 32	3.20 26	3.90 14	4.90 12	4.90 7
1906	0.00 2	0.00 2	0.00 2	0.00 1	0.30 14	7.20 43	11.00 45	14.00 42	17.00 35
1907	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	1.20 12	5.50 18	8.70 24	12.00 21
1908	33.00 63	34.00 63	34.00 63	35.00 63	39.00 63	40.00 63	40.00 63	41.00 62	43.00 60
1909	15.00 58	15.00 58	15.00 58	15.00 58	17.00 57	18.00 56	20.00 52	22.00 51	35.00 55
1912	0.00 4	0.00 4	0.00 4	0.00 3	0.60 18	2.10 14	4.70 16	7.20 17	10.00 16
1913	8.00 55	8.00 55	8.00 55	9.00 55	16.00 56	21.00 57	28.00 58	35.00 59	32.00 50
1914	6.00 53	6.00 52	6.00 52	6.00 52	8.60 53	9.70 49	14.00 48	19.00 49	27.00 46
1915	2.50 41	2.60 41	2.60 40	2.80 37	3.50 39	6.40 40	12.00 46	12.00 36	13.00 25
1916	0.00 5	0.00 5	0.00 5	0.00 4	0.00 2	0.00 1	0.61 8	2.10 8	5.10 8
1917	0.00 6	0.00 6	0.00 6	0.00 5	0.12 12	0.48 11	5.90 23	11.00 31	11.00 17
1918	0.30 22	0.33 22	0.43 22	0.60 23	1.70 24	4.20 29	6.70 29	10.00 28	19.00 39
1922	3.00 44	3.70 47	3.90 47	4.80 49	5.20 46	5.50 37	6.80 30	9.00 25	11.00 18
1925	0.00 7	0.00 7	0.00 7	0.00 6	0.00 3	0.00 2	0.10 3	0.94 4	5.70 9
1926	3.00 45	3.70 48	4.10 50	5.70 51	8.00 52	15.00 54	18.00 50	21.00 50	20.00 40
1927	0.00 8	0.00 8	0.00 8	0.00 7	0.00 4	0.00 3	0.32 4	1.30 5	4.30 3
1928	3.00 46	3.00 44	3.00 41	3.50 43	4.10 44	4.80 34	5.70 22	7.30 18	14.00 29
1929	0.00 9	0.00 9	0.00 9	0.00 8	0.00 5	0.02 7	1.40 10	3.20 10	8.70 11
1930	0.00 10	0.00 10	0.00 10	0.00 9	0.60 19	3.30 27	5.50 19	7.30 19	11.00 19
1931	0.00 11	0.00 11	0.01 18	0.15 18	0.46 16	7.50 46	14.00 49	15.00 45	17.00 36
1932	0.00 12	0.00 12	0.00 11	0.00 10	0.00 6	0.00 4	0.00 1	0.00 1	0.00 1
1938	2.00 37	2.00 38	2.00 35	2.00 31	2.00 28	2.20 15	3.10 11	4.60 11	8.70 12
1939	1.00 30	1.30 29	1.70 31	2.40 34	3.60 40	6.70 41	8.90 37	16.00 46	28.00 48
1940	2.00 38	2.00 39	2.00 32	2.00 32	2.00 29	3.00 22	6.40 26	8.50 22	12.00 22
1941	0.00 13	0.00 13	0.00 12	0.00 11	0.00 7	0.00 5	0.83 9	2.50 9	6.30 10
1942	12.00 57	12.00 57	13.00 57	14.00 57	18.00 58	23.00 58	35.00 62	41.00 63	50.00 63
1943	3.00 47	3.00 45	3.60 46	3.70 45	4.00 43	5.20 35	8.40 33	13.00 37	27.00 47
1944	1.00 31	1.00 28	1.00 27	1.30 27	1.90 27	3.10 25	6.30 24	11.00 32	13.00 26
1945	1.60 34	1.90 35	2.20 36	2.70 36	3.40 37	5.30 36	8.70 35	14.00 43	17.00 37
1946	18.00 61	18.00 60	19.00 62	22.00 62	25.00 62	29.00 62	34.00 60	39.00 60	39.00 58
1947	5.80 52	6.10 53	6.50 53	7.20 53	7.70 51	11.00 50	22.00 55	31.00 57	36.00 56
1948	1.50 33	1.50 32	2.40 39	3.10 40	3.80 41	5.90 38	9.10 38	13.00 38	21.00 41
1949	0.00 14	0.00 14	0.00 13	0.00 12	0.43 15	2.40 16	4.50 15	6.40 15	12.00 23
1950	0.60 25	0.77 27	1.10 28	1.50 28	2.10 30	3.00 23	5.60 21	8.50 23	12.00 24
1951	2.30 40	2.60 40	3.10 44	4.00 46	6.00 49	7.30 44	10.00 42	16.00 47	37.00 57
1952	3.20 48	3.30 46	3.40 45	3.50 44	4.00 42	7.30 45	10.00 43	12.00 33	15.00 30
1953	4.50 51	4.80 51	4.90 51	5.10 50	6.10 50	7.80 47	11.00 44	13.00 39	23.00 43
1954	0.90 28	1.40 30	1.60 29	1.90 29	3.00 33	4.70 32	8.40 34	12.00 34	15.00 31
1955	0.00 15	0.00 15	0.00 14	0.00 13	0.00 8	0.00 6	0.08 2	0.45 2	2.60 2
1956	0.10 21	0.17 21	0.19 20	0.33 19	0.70 20	1.60 13	3.50 12	5.10 13	15.00 32
1957	0.60 26	0.67 24	0.74 25	0.76 24	1.20 23	2.70 18	5.50 20	7.30 20	9.10 13
1958	0.51 23	0.67 25	0.86 26	1.00 26	1.80 25	4.60 31	9.10 39	13.00 40	14.00 27
1959	2.00 39	2.00 36	2.30 37	2.40 35	3.10 34	4.80 33	7.40 32	9.60 26	14.00 28
1960	0.00 16	0.00 16	0.00 15	0.00 14	0.00 9	0.23 10	0.56 6	1.50 6	4.50 4
1961	0.00 17	0.00 17	0.00 16	0.00 15	0.00 10	0.10 8	0.58 7	1.70 7	4.50 5
1962	0.90 29	1.60 33	1.70 30	2.10 33	2.10 31	2.70 19	3.50 13	5.40 14	9.50 14
1963	0.70 27	0.70 26	0.70 24	0.79 25	1.10 22	2.90 20	4.80 17	7.00 16	10.00 15
1964	0.00 18	0.00 18	0.21 21	0.50 21	0.84 21	2.50 17	6.60 28	10.00 29	15.00 33
1965	1.80 35	1.90 34	2.30 38	3.10 41	3.50 38	4.30 30	6.50 27	11.00 30	33.00 51
1966	17.00 60	18.00 61	18.00 60	20.00 61	21.00 60	25.00 60	28.00 59	30.00 56	29.00 49
1967	0.00 19	0.00 19	0.00 17	0.00 16	0.00 11	0.19 9	0.32 5	0.86 3	4.50 6
1968	3.90 49	3.90 49	4.00 48	4.10 47	5.30 47	6.80 42	8.90 36	9.80 27	11.00 20
1969	6.60 54	7.10 54	7.90 54	8.50 54	9.20 54	12.00 51	13.00 47	15.00 44	22.00 42
1970	2.80 42	2.90 42	3.00 42	3.10 42	3.20 35	3.70 28	6.40 25	8.30 21	16.00 34
1971	16.00 59	16.00 59	17.00 59	18.00 59	24.00 61	24.00 59	27.00 57	32.00 58	44.00 61
1972	11.00 56	11.00 56	11.00 56	12.00 56	13.00 55	16.00 55	20.00 53	25.00 52	35.00 52
1973	1.30 32	1.50 31	2.00 33	3.00 38	3.40 36	6.00 39	9.10 40	13.00 41	18.00 38

10320500 SOUTH FORK HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1897	1330.0 16	1310.0 12	1270.0 5	1160.0 6	1070.0 3	918.0 3	738.0 4	607.0 6	416.0 6
1898	473.0 56	456.0 56	445.0 56	407.0 55	375.0 53	324.0 47	277.0 47	235.0 46	203.0 41
1899	1370.0 15	1310.0 13	1210.0 11	1100.0 11	962.0 8	701.0 10	572.0 10	526.0 9	409.0 8
1900	740.0 46	720.0 43	690.0 40	684.0 34	616.0 30	490.0 33	383.0 33	319.0 32	234.0 33
1901	1480.0 7	1480.0 3	1170.0 13	780.0 26	529.0 39	424.0 36	345.0 35	360.0 27	275.0 24
1902	1390.0 13	1350.0 8	1270.0 6	1140.0 9	971.0 7	762.0 7	651.0 8	548.0 8	388.0 9
1903	1170.0 22	1170.0 19	1110.0 14	1070.0 12	840.0 13	577.0 20	454.0 26	378.0 26	273.0 25
1904	1180.0 21	1100.0 20	1010.0 20	911.0 18	835.0 14	604.0 17	482.0 18	406.0 19	294.0 19
1906	1010.0 30	1010.0 28	1010.0 21	973.0 15	829.0 15	651.0 13	552.0 12	494.0 11	369.0 11
1907	1260.0 17	1210.0 16	1180.0 12	1150.0 7	1080.0 2	885.0 6	718.0 5	629.0 3	461.0 3
1908	850.0 39	826.0 34	757.0 34	606.0 40	522.0 41	375.0 42	283.0 46	236.0 45	177.0 45
1909	1090.0 24	1060.0 22	963.0 23	832.0 21	663.0 27	441.0 34	343.0 36	292.0 37	257.0 28
1912	1470.0 8	1430.0 4	1400.0 2	1280.0 2	958.0 9	698.0 11	538.0 14	441.0 15	305.0 17
1913	632.0 51	632.0 51	614.0 46	563.0 45	485.0 42	366.0 43	288.0 44	246.0 43	179.0 44
1914	2400.0 2	1340.0 9	1060.0 16	913.0 17	791.0 16	637.0 14	539.0 13	461.0 13	374.0 10
1915	341.0 61	302.0 62	238.0 63	232.0 62	182.0 62	125.0 63	99.0 64	84.0 64	63.0 64
1916	388.0 60	363.0 60	347.0 60	306.0 60	230.0 60	200.0 59	186.0 56	182.0 53	130.0 53
1917	1450.0 9	1190.0 17	1030.0 18	767.0 30	649.0 28	531.0 27	463.0 22	449.0 14	311.0 15
1918	297.0 63	243.0 64	233.0 64	213.0 63	145.0 64	87.0 65	72.0 65	70.0 65	56.0 65
1921	2040.0 3	2020.0 1	1970.0 1	1610.0 1	1470.0 1	1020.0 1	797.0 2	665.0 2	463.0 2
1922	1050.0 27	1030.0 26	920.0 26	780.0 27	681.0 26	600.0 18	479.0 19	387.0 25	263.0 27
1924	430.0 59	383.0 59	370.0 59	332.0 59	264.0 58	212.0 57	165.0 58	134.0 58	97.0 58
1925	815.0 40	733.0 42	629.0 45	606.0 41	550.0 34	499.0 31	416.0 28	342.0 28	239.0 30
1926	218.0 65	217.0 65	193.0 65	163.0 65	138.0 65	123.0 64	112.0 63	97.0 63	70.0 63
1927	858.0 38	701.0 46	640.0 44	585.0 44	426.0 48	391.0 41	317.0 42	264.0 42	207.0 39
1928	957.0 32	894.0 32	798.0 32	559.0 46	397.0 50	251.0 54	191.0 55	165.0 56	120.0 55
1929	974.0 31	767.0 40	545.0 52	430.0 53	290.0 57	218.0 56	167.0 57	156.0 57	114.0 57
1930	475.0 55	475.0 55	463.0 54	445.0 51	438.0 47	350.0 45	259.0 48	207.0 49	149.0 50
1931	48.0 67	47.0 67	45.0 67	42.0 67	37.0 67	36.0 67	33.0 67	30.0 67	27.0 67
1932	1490.0 5	1400.0 6	1270.0 7	1150.0 8	952.0 10	738.0 8	592.0 9	521.0 10	357.0 12
1937	746.0 44	669.0 49	552.0 51	473.0 50	440.0 45	351.0 44	290.0 43	238.0 44	170.0 46
1938	745.0 45	738.0 41	704.0 37	658.0 37	530.0 38	398.0 40	329.0 41	266.0 41	187.0 43
1939	448.0 57	434.0 57	386.0 58	356.0 57	335.0 55	303.0 48	285.0 45	231.0 47	168.0 48
1940	730.0 47	710.0 45	658.0 42	622.0 38	536.0 36	416.0 37	343.0 37	277.0 40	196.0 42
1941	1190.0 19	1050.0 23	870.0 28	788.0 23	695.0 24	598.0 19	500.0 16	404.0 20	286.0 22
1942	1420.0 10	1270.0 15	1110.0 15	997.0 13	944.0 11	732.0 9	698.0 7	612.0 4	446.0 4
1943	938.0 34	770.0 39	613.0 47	484.0 49	418.0 49	342.0 46	330.0 40	294.0 35	237.0 32
1944	934.0 35	889.0 33	805.0 31	770.0 28	708.0 23	606.0 16	521.0 15	423.0 16	296.0 18
1945	1410.0 11	1330.0 10	1290.0 4	1170.0 5	992.0 5	939.0 2	846.0 1	708.0 1	512.0 1
1946	724.0 48	713.0 44	693.0 39	673.0 35	587.0 33	531.0 28	468.0 20	417.0 17	307.0 16
1947	580.0 53	524.0 53	459.0 55	400.0 56	349.0 54	288.0 52	230.0 51	196.0 50	149.0 49
1948	684.0 50	643.0 50	593.0 49	519.0 48	438.0 46	296.0 51	238.0 49	196.0 51	140.0 52
1949	870.0 37	793.0 35	701.0 38	620.0 39	540.0 35	435.0 35	366.0 34	294.0 36	203.0 40
1950	802.0 42	783.0 38	714.0 36	667.0 36	533.0 37	404.0 38	339.0 38	287.0 38	208.0 38
1951	1100.0 23	1070.0 21	953.0 24	726.0 31	524.0 40	401.0 39	337.0 39	282.0 39	220.0 36
1952	1530.0 4	1430.0 5	1310.0 3	1180.0 3	975.0 6	888.0 5	749.0 3	612.0 5	416.0 5
1953	693.0 49	684.0 48	675.0 41	601.0 42	454.0 44	301.0 49	230.0 50	188.0 52	141.0 51
1954	330.0 62	311.0 61	289.0 61	254.0 61	190.0 61	137.0 62	113.0 62	98.0 62	76.0 62
1955	627.0 52	621.0 52	563.0 50	443.0 52	315.0 56	206.0 58	149.0 61	121.0 61	84.0 61
1956	1230.0 18	1170.0 18	1050.0 17	930.0 16	768.0 17	558.0 25	457.0 24	396.0 21	293.0 20
1957	1480.0 6	1390.0 7	1230.0 8	985.0 14	757.0 18	561.0 23	410.0 29	328.0 30	230.0 34
1958	1050.0 28	1030.0 24	980.0 22	867.0 20	649.0 29	492.0 32	404.0 31	328.0 31	238.0 31
1959	190.0 66	168.0 66	151.0 66	132.0 66	89.0 66	70.0 66	56.0 66	48.0 66	41.0 66
1960	436.0 58	430.0 58	413.0 57	342.0 58	259.0 59	195.0 60	155.0 60	132.0 59	93.0 60
1961	505.0 54	487.0 54	476.0 53	419.0 54	381.0 52	251.0 55	207.0 54	170.0 55	118.0 56
1962	2470.0 1	1640.0 2	884.0 27	787.0 24	740.0 20	615.0 15	495.0 17	411.0 18	319.0 14
1963	1080.0 25	978.0 29	861.0 29	781.0 25	744.0 19	541.0 26	410.0 30	316.0 33	218.0 37
1964	1180.0 20	1030.0 25	795.0 33	767.0 29	691.0 25	565.0 21	454.0 25	389.0 23	264.0 26
1965	1050.0 26	1020.0 27	1010.0 19	878.0 19	722.0 22	564.0 22	465.0 21	391.0 22	292.0 21
1966	287.0 64	269.0 63	240.0 62	200.0 64	176.0 63	158.0 61	158.0 59	130.0 60	94.0 59
1967	945.0 33	936.0 31	840.0 30	725.0 32	600.0 32	513.0 30	390.0 32	316.0 34	227.0 35
1968	908.0 36	793.0 36	657.0 43	586.0 43	482.0 43	300.0 50	219.0 53	179.0 54	129.0 54
1969	805.0 41	783.0 37	743.0 35	709.0 33	613.0 31	518.0 29	458.0 23	388.0 24	279.0 23
1970	1030.0 29	970.0 30	937.0 25	797.0 22	724.0 21	558.0 24	421.0 27	331.0 29	241.0 29
1971	1370.0 14	1290.0 14	1230.0 9	1180.0 4	993.0 4	890.0 4	700.0 6	566.0 7	413.0 7
1972	782.0 43	700.0 47	596.0 48	523.0 47	385.0 51	275.0 53	226.0 52	218.0 48	169.0 47
1973	1400.0 12	1330.0 11	1230.0 10	1110.0 10	929.0 12	698.0 12	557.0 11	470.0 12	340.0 13

STATISTICS OF NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
14.5	25.3	29.5	38.1	64.8	105	210	376	482	133	16.8	6.31
126	234	370	1548	4264	4381	22090	51610	72320	16250	511	65.0
11.2	15.3	19.2	39.3	65.3	66.2	149	227	269	127	22.6	8.06
1.01	0.84	1.37	2.57	2.83	1.26	1.46	0.96	0.22	1.65	2.77	2.21
0.77	0.61	0.65	1.03	1.01	0.63	0.71	0.60	0.56	0.96	1.35	1.28
0.97	1.68	1.96	2.54	4.31	7.01	14.0	25.0	32.1	8.84	1.12	0.42

10320500 SOUTH FORK HUMBOLDT RIVER NEAR ELKO, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
127	3675	60.6	0.31	0.48	0.146

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.98	1.31	1.38	1.40	1.66	1.93	2.21	2.48	2.56	1.83	0.84	0.54
0.27	0.11	0.09	0.18	0.13	0.12	0.11	0.11	0.20	0.45	0.51	0.26
0.52	0.33	0.31	0.42	0.36	0.35	0.33	0.33	0.45	0.67	0.71	0.51
-2.26	-1.42	-1.13	-0.72	0.11	-2.46	-0.40	-1.27	-2.82	-1.45	-0.96	-0.05
0.53	0.25	0.22	0.30	0.22	0.18	0.15	0.13	0.18	0.37	0.85	0.95
5.14	6.85	7.21	7.35	8.66	10.1	11.6	13.0	13.4	9.57	4.40	2.80

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.06	0.25	-0.99	0.12	0.147

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1897	1330.0	1916	438.0	1941	1560.0	1958	1110.0
1898	473.0	1917	1700.0	1942	1410.0	1959	221.0
1899	1370.0	1918	1300.0	1943	1080.0	1960	488.0
1900	740.0	1921	2070.0	1944	975.0	1961	882.0
1901	1480.0	1924	470.0	1945	1440.0	1962	2830.0
1902	1380.0	1925	1470.0	1946	740.0	1963	1190.0
1903	1170.0	1926	244.0	1947	608.0	1964	1270.0
1904	1180.0	1927	885.0	1948	736.0	1965	1110.0
1905	816.0	1928	957.0	1949	910.0	1966	316.0
1906	1010.0	1929	990.0	1950	848.0	1967	984.0
1907	1260.0	1930	475.0	1951	1120.0	1968	966.0
1908	850.0	1931	51.0	1952	1700.0	1969	846.0
1909	1090.0	1932	1490.0	1953	742.0	1970	1110.0
1911	856.0	1937	800.0	1954	358.0	1971	1480.0
1912	1470.0	1938	770.0	1955	688.0	1972	835.0
1913	632.0	1939	476.0	1956	1270.0	1973	1460.0
1914	2400.0	1940	750.0	1957	1590.0	1975	2100.0
1915	372.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9558	2.9814 S
STANDARD DEVIATION	0.2701	0.2046 S
SKEW COEFFICIENTS		
STATION	-1.7279	-0.6662
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.3909 *
FLOOD BASE (CFS)	0.0	102.0
PROB(PEAK > BASE)	1.0000	0.9855
NUMBER OF PEAKS	69	69
PERIOD (YEARS)	69	69

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	70.9	102.0	102.0	69.6	136.3
0.9900	105.0	102.0	102.0	69.6	136.3
0.9500	264.4	420.5	411.6	355.4	481.1
0.9000	396.8	515.4	507.5	447.0	579.5
0.8000	600.9	652.0	647.2	580.0	721.7
0.5000	1069.6	987.9	987.9	899.6	1086.4
0.2000	1490.8	1433.3	1441.4	1293.8	1614.1
0.1000	1643.9	1712.4	1730.6	1527.6	1965.2
0.0400	1750.6	2044.9	2079.2	1797.8	2398.6
0.0200	1793.4	2278.5	2333.1	1983.4	2711.1
0.0100	1818.6	2500.5	2575.3	2157.2	3013.5

10321000 HUMBOLDT RIVER NEAR CARLIN, NV

LOCATION.--Lat 40°43'40", long 116°00'30", in SE¼SE¼ sec.21, T.33 N., R.53 E., Elko County, Hydrologic Unit 16040101, on right bank 1.0 mi (1.6 km) downstream from Tonka Creek, 4.5 mi (7.2 km) southwest of Moleen, 5 mi (8 km) upstream from Susie Creek, 5.5 mi (8.8 km) east of Carlin, and 15 mi (24 km) southwest of Elko.

DRAINAGE AREA.--4,310 mi^2 (11,160 km^2), approximately.

REMARKS.--Many diversions for irrigation of 143,000 acres (579 km^2), Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1944													7	48	8	15	7	11	32	49	19	22	10	9	13	30	16	36	17	17					
1945														11	10	16	12	25	49	31	16	4	12	19	15	10	29	19	9	29	33	16			
1946														5	21	21	4	8	16	14	40	59	24	9	14	10	17	51	31	21					
1947													18	29	12	7	4	5	6	40	44	22	50	41	40	27	14	6							
1948											3	24	16	13	15	19	12	8	7	19	50	33	29	35	26	24	6	8	9	10					
1949													19	34	19	17	40	34	45	24	5	9	7	7	5	5	18	21	21	29	6				
1950															11	53	24	24	22	29	7	8	24	14	26	19	27	40	17	11	9				
1951															24	23	24	13	16	9	16	10	26	22	22	28	21	38	43	18	12				
1952															1	33	28	19	41	38	14	40	17	15	4	9	4	3	23	5	5	39	14	14	
1953													10	17	7	16	22	14	29	19	22	14	25	80	40	7	10	9	9	15					
1954				6	21	3	2	2	11	10	3	2	6	7	16	15	17	17	41	47	18	20	10	66	25										
1955					2	4	8	13	27	8	19	37	17	52	6	9	16	12	13	3	5	41	34	6	14	6	8	5							
1956										7	4	10	5	26	25	13	23	21	6	6	7	13	17	31	11	13	24	18	45	17	12	8	4		
1957													24	12	22	13	24	18	11	37	28	10	9	6	19	44	26	9	6	22	11	8	6		
1958												1	3	2	20	24	12	22	12	30	57	17	9	13	7	22	24	24	31	21	8	6			
1959		1	5	1	7	12	14	7	7	2	3	7	1	7	10	26	16	9	10	63	51	50	52	4											
1960										2	10	11	41	18	24	27	56	23	30	5	4	4	8	25	32	31	12	3							
1961										4	3	6	22	61	13	20	71	12	5	9	32	18	31	18	13	6	19	2							
1962												11	2	7	40	29	45	40	10	4	4	3	3	10	19	11	14	32	23	19	32	6			1
1963													10	27	21	28	33	51	10	3	4	34	49	14	4	6	14	14	6	11	6	20			
1964														11	25	37	15	11	12	69	49	9	3	11	5	4	4	26	33	16	20	6			
1965																29	6	10	10	9	25	28	10	15	30	52	40	32	26	28	15				
1966										15	20	37	13	4	3	3	2	3	3	4	34	90	47	24	9	11	20	20	3						
1967											1	8	10	2	18	39	45	30	11	12	18	13	20	8	19	45	12	7	8	23	10	6			
1968															11	14	43	35	70	26	8	25	27	50	18	11	6	5	11	6					
1969															35	13	18	21	12	7	20	47	19	47	7	11	5	15	19	20	28	17	4		
1970															8	5	3	1	23	37	63	19	7	20	69	31	15	11	12	12	21	8			
1971																			10	36	24	30	30	33	11	18	38	36	19	18	5	34	23		
1972															1	13	38	10	7	13	31	20	48	28	14	24	32	41	17	22	7				
1973														4	17	19	8	10	17	22	31	33	15	30	17	6	11	29	36	36	14	10			
1974														12	29	12	10	13	8	5	24	67	13	26	22	10	8	56	50						
1975															3	25	13	15	27	32	19	36	11	10	8	16	27	18	13	20	32	18	22		
1976														3	10	12	19	13	23	11	5	22	66	39	20	47	41	19	16						

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	12054	100.0
1	0.10	1	12054	100.0
2	0.30	5	12053	100.0
3	0.40	7	12048	100.0
4	0.50	30	12041	99.9
5	0.70	19	12011	99.6
6	0.90	24	11992	99.5
7	1.30	22	11968	99.3
8	1.70	45	11946	99.1
9	2.30	48	11901	98.7
10	3.20	66	11853	98.3
11	4.30	154	11787	97.8
12	5.9	199	11633	96.5
13	8.0	344	11434	94.9
14	11.0	527	11090	92.0
15	15.0	637	10563	87.6
16	20.0	742	9926	82.3
17	28.0	536	9184	76.2
18	37.0	590	8648	71.7
19	51.0	731	8058	66.8
20	69.0	809	7327	60.8
21	94.0	882	6518	54.1
22	130.0	773	5636	46.8
23	170.0	803	4863	40.3
24	240	594	4060	33.6
25	320	599	3466	28.7
26	440	563	2867	23.7
27	600	617	2304	19.1
28	810	608	1687	13.9
29	1100	436	1079	8.9
30	1500	320	643	5.3
31	2000	219	323	2.6
32	2800	89	104	.8
33	3800	14	15	.1
34	5200	1	1	

10321000 HUMBOLDT RIVER NEAR CARLIN,NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1945	12.00 19	12.00 19	12.00 19	12.00 16	12.00 18	13.00 15	17.00 13	27.00 17	43.00 18
1946	27.00 28	28.00 28	29.00 28	32.00 28	39.00 28	51.00 28	68.00 28	88.00 28	123.00 29
1947	12.00 20	12.00 20	14.00 23	16.00 27	17.00 22	24.00 26	45.00 27	64.00 27	94.00 26
1948	8.50 15	8.80 15	9.30 14	9.70 13	11.00 13	12.00 13	14.00 10	18.00 9	39.00 16
1949	3.80 7	4.10 7	4.50 7	4.80 6	5.40 5	6.50 6	8.70 7	12.00 7	21.00 6
1950	6.00 9	6.30 9	6.50 9	6.80 9	8.00 9	9.90 9	13.00 8	16.00 8	26.00 9
1951	14.00 26	14.00 24	14.00 24	15.00 23	17.00 23	18.00 22	22.00 21	38.00 25	97.00 27
1952	12.00 21	12.00 21	12.00 20	12.00 17	13.00 19	17.00 21	21.00 20	27.00 18	38.00 15
1953	13.00 24	14.00 25	15.00 25	16.00 24	17.00 24	19.00 23	25.00 23	31.00 20	60.00 22
1954	6.80 13	6.80 12	7.20 11	7.50 10	8.50 11	12.00 10	17.00 14	25.00 15	36.00 11
1955	0.40 2	0.40 2	0.43 2	0.46 1	0.52 1	0.90 1	1.50 1	2.50 1	4.50 1
1956	1.10 3	1.20 3	1.40 3	1.50 3	1.90 3	2.80 3	3.80 2	6.70 4	22.00 7
1957	6.00 10	6.50 11	6.90 13	9.30 12	10.00 12	12.00 11	15.00 11	19.00 10	36.00 12
1958	6.00 11	6.30 10	6.30 8	6.60 8	7.70 8	12.00 12	18.00 17	31.00 21	48.00 19
1959	5.20 8	6.10 8	8.10 12	10.00 14	12.00 14	15.00 19	19.00 18	25.00 16	41.00 17
1960	0.20 1	0.27 1	0.30 1	0.57 2	0.79 2	1.30 2	3.90 3	5.80 3	11.00 2
1961	2.60 5	3.10 6	4.00 6	4.30 5	5.60 6	5.90 5	6.80 5	8.40 5	13.00 4
1962	2.80 6	2.80 5	3.40 5	5.30 7	6.60 7	7.80 7	7.60 6	9.30 6	15.00 5
1963	12.00 22	12.00 22	12.00 21	12.00 18	12.00 15	14.00 16	17.00 15	20.00 11	26.00 8
1964	6.80 12	6.90 13	7.10 10	7.70 11	8.10 10	9.60 8	14.00 9	23.00 13	37.00 13
1965	11.00 17	11.00 17	11.00 16	12.00 19	13.00 20	14.00 17	17.00 16	23.00 14	81.00 25
1966	60.00 32	61.00 32	62.00 32	68.00 32	76.00 32	90.00 32	107.00 32	112.00 32	111.00 28
1967	2.40 4	2.40 4	2.70 4	2.80 4	3.10 4	3.90 4	4.40 4	5.50 2	11.00 3
1968	15.00 27	15.00 26	16.00 27	16.00 25	18.00 25	21.00 24	23.00 22	28.00 19	35.00 10
1969	12.00 23	12.00 23	12.00 22	14.00 22	22.00 27	27.00 27	27.00 24	34.00 23	57.00 21
1970	11.00 18	11.00 18	11.00 17	12.00 20	12.00 16	14.00 18	21.00 19	33.00 22	54.00 20
1971	44.00 31	45.00 31	48.00 31	58.00 31	61.00 31	63.00 30	73.00 29	92.00 29	136.00 31
1972	43.00 30	43.00 30	46.00 30	50.00 30	54.00 30	64.00 31	77.00 30	98.00 30	138.00 32
1973	14.00 25	15.00 27	15.00 26	16.00 26	19.00 26	22.00 25	28.00 25	38.00 24	63.00 23
1974	8.00 14	8.10 14	11.00 18	12.00 21	14.00 21	17.00 20	29.00 26	45.00 26	70.00 24
1975	8.80 16	9.30 16	9.50 15	10.00 15	12.00 17	13.00 14	15.00 12	20.00 12	38.00 14
1976	33.00 29	33.00 29	34.00 29	35.00 29	41.00 29	60.00 29	82.00 31	102.00 31	127.00 30

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1944	1920.0 17	1870.0 17	1790.0 18	1650.0 17	1540.0 17	1240.0 17	1080.0 15	924.0 14	682.0 16
1945	3630.0 3	3490.0 3	3190.0 4	2810.0 4	2530.0 4	2440.0 4	2150.0 3	1810.0 3	1340.0 3
1946	1860.0 18	1860.0 18	1830.0 17	1750.0 16	1580.0 14	1370.0 13	1260.0 8	1150.0 7	836.0 8
1947	1060.0 26	1010.0 26	942.0 26	848.0 27	693.0 27	548.0 26	458.0 26	420.0 26	344.0 25
1948	1340.0 23	1320.0 23	1260.0 23	1150.0 23	932.0 23	600.0 25	509.0 25	436.0 25	329.0 26
1949	1780.0 19	1730.0 19	1630.0 19	1500.0 20	1320.0 18	1150.0 18	978.0 18	802.0 20	545.0 22
1950	1710.0 21	1680.0 20	1600.0 20	1510.0 19	1280.0 19	987.0 20	870.0 20	761.0 22	576.0 21
1951	1990.0 15	1960.0 15	1890.0 16	1630.0 18	1280.0 20	1130.0 19	991.0 17	892.0 15	742.0 11
1952	5150.0 2	4980.0 1	4620.0 1	4210.0 1	3700.0 1	3000.0 1	2480.0 1	2010.0 1	1370.0 1
1953	1430.0 22	1410.0 22	1380.0 22	1270.0 22	1050.0 22	736.0 23	561.0 23	480.0 24	384.0 24
1954	308.0 32	305.0 32	298.0 32	280.0 32	259.0 32	233.0 32	216.0 32	200.0 32	152.0 31
1955	699.0 29	673.0 29	632.0 29	576.0 29	441.0 30	294.0 31	236.0 31	209.0 31	146.0 32
1956	2920.0 8	2910.0 8	2700.0 8	2340.0 8	1900.0 8	1410.0 11	1270.0 7	1120.0 8	836.0 9
1957	3290.0 6	3180.0 6	3020.0 5	2610.0 6	2090.0 6	1570.0 6	1170.0 11	971.0 12	737.0 12
1958	2240.0 14	2200.0 14	2110.0 14	1900.0 13	1550.0 16	1310.0 14	1100.0 13	936.0 13	703.0 14
1959	198.0 33	184.0 33	168.0 33	147.0 33	136.0 33	134.0 33	122.0 33	113.0 33	105.0 33
1960	613.0 30	609.0 30	592.0 30	547.0 30	438.0 31	353.0 29	344.0 29	296.0 29	207.0 29
1961	605.0 31	598.0 31	578.0 31	533.0 31	471.0 29	313.0 30	277.0 30	235.0 30	170.0 30
1962	5380.0 1	3640.0 2	2780.0 7	1820.0 14	1700.0 12	1440.0 10	1220.0 9	1070.0 9	893.0 6
1963	2590.0 10	2530.0 10	2440.0 9	2350.0 7	2070.0 7	1450.0 8	1080.0 16	852.0 17	604.0 18
1964	2420.0 11	2280.0 12	2140.0 12	1990.0 11	1800.0 11	1370.0 12	1210.0 10	1050.0 10	716.0 13
1965	1980.0 16	1940.0 16	1890.0 15	1780.0 15	1580.0 15	1280.0 15	1120.0 12	977.0 11	791.0 10
1966	852.0 28	835.0 28	790.0 28	719.0 28	666.0 28	517.0 28	426.0 27	347.0 28	268.0 28
1967	2260.0 13	2210.0 13	2110.0 13	1900.0 12	1620.0 13	1260.0 16	958.0 19	808.0 19	587.0 19
1968	1310.0 24	1280.0 24	1200.0 24	1050.0 24	833.0 25	523.0 27	395.0 28	350.0 27	282.0 27
1969	3170.0 7	3060.0 7	2900.0 6	2660.0 5	2250.0 5	1960.0 5	1630.0 5	1360.0 5	963.0 5
1970	2760.0 9	2640.0 9	2420.0 10	2130.0 9	1870.0 9	1450.0 9	1090.0 14	879.0 16	699.0 15
1971	3370.0 5	3300.0 5	3250.0 3	3100.0 3	2890.0 2	2680.0 2	2170.0 2	1820.0 2	1370.0 2
1972	1720.0 20	1680.0 21	1600.0 21	1330.0 21	1120.0 21	882.0 21	769.0 22	814.0 18	642.0 17
1973	2340.0 12	2320.0 11	2230.0 11	2090.0 10	1810.0 10	1480.0 7	1290.0 6	1170.0 6	884.0 7
1974	1080.0 25	1060.0 25	1020.0 25	949.0 25	918.0 24	815.0 22	818.0 21	764.0 21	579.0 20
1975	3420.0 4	3370.0 4	3270.0 2	3240.0 2	2810.0 3	2450.0 3	2090.0 4	1730.0 4	1310.0 4
1976	911.0 27	905.0 27	898.0 27	860.0 26	772.0 26	623.0 24	553.0 24	540.0 23	424.0 23

10321000 HUMBOLDT RIVER NEAR CARLIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
29.7	61.4	89.1	134	256	414	687	927	1193	346	42.8	19.5
684	1998	3775	11980	45000	60390	327500	521600	545700	114100	2308	359
26.2	44.7	61.4	109	212	246	572	722	739	338	48.0	18.9
1.41	0.94	1.09	1.09	1.85	0.97	2.04	1.17	0.52	1.18	1.90	1.94
0.88	0.73	0.69	0.82	0.83	0.59	0.83	0.78	0.62	0.98	1.12	0.97
0.71	1.46	2.12	3.19	6.11	9.85	16.4	22.1	28.4	8.25	1.02	0.46

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
349	35630	189	0.47	0.54	0.154

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.32	1.67	1.84	1.97	2.27	2.54	2.71	2.82	2.95	2.27	1.38	1.11
0.14	0.12	0.11	0.16	0.14	0.07	0.12	0.15	0.17	0.34	0.27	0.19
0.37	0.34	0.33	0.39	0.37	0.27	0.35	0.39	0.41	0.58	0.52	0.43
-0.23	-0.36	-0.66	-0.34	-0.42	-0.17	-0.08	-0.47	-1.48	-0.73	-0.58	-0.82
0.28	0.21	0.18	0.20	0.16	0.11	0.13	0.14	0.14	0.26	0.38	0.39
5.33	6.72	7.41	7.94	9.14	10.2	10.9	11.3	11.9	9.12	5.55	4.47

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.46	0.08	0.29	-0.80	0.12	0.306

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1910	15000.0	1952	5220.0	1961	630.0	1969	3270.0
1944	1930.0	1953	1440.0	1962	6160.0	1970	2780.0
1945	3640.0	1954	308.0	1963	2630.0	1971	3420.0
1946	1870.0	1955	741.0	1964	2500.0	1972	1760.0
1947	1080.0	1956	2960.0	1965	2000.0	1973	2360.0
1948	1370.0	1957	3340.0	1966	870.0	1974	1130.0
1949	1800.0	1958	2260.0	1967	2300.0	1975	3450.0
1950	1730.0	1959	225.0	1968	1340.0	1976	943.0
1951	2000.0	1960	679.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.2600	3.2600
STANDARD DEVIATION	0.3548	0.3548
SKEW COEFFICIENTS		
STATION	-0.2749	-0.2749
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0330 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	34	34
PERIOD (YEARS)	34	34

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	179.8	216.3	179.0	118.9	328.0
0.9900	231.0	266.6	230.8	153.7	392.5
0.9500	446.6	471.0	442.6	307.1	643.5
0.9000	625.3	636.8	607.7	440.7	841.2
0.8000	927.0	916.1	894.8	674.8	1172.8
0.5000	1888.9	1827.8	1827.8	1444.8	2313.2
0.2000	3650.5	3623.8	3708.0	2830.1	4921.7
0.1000	5046.6	5159.5	5408.8	3915.5	7462.3
0.0400	7020.6	7536.0	8112.8	5469.1	11725.2
0.0200	8618.5	9603.5	10704.1	6756.2	15736.7
0.0100	10308.0	11935.3	13685.4	8152.3	20522.0

10322000 MAGGIE CREEK AT CARLIN, NV

LOCATION.--Lat 40°43'10", long 116°05'40", in sec.26, T.33 N., R.52 E., Elko County, Hydrologic Unit 16040101, 700 ft (200 m) upstream from highway bridge, 0.5 mi (0.8 km) upstream from mouth, and 0.5 mi (0.8 km) east of Carlin.

DRAINAGE AREA.--Not determined.

REMARKS.--Diversions above station for irrigation of 3,504 acres (14.2 km^2), 5 acres (20,000 m^2) of which are below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914				9	11	19	2	14	10	6	10	27	20	35	17	31	13	12	6	3	6	16	10	10	7	24	23	16	6	2					
1915	23	27	2	1	1	1	6	19	17	31	16	43	11	17	58	30	25	15	3	19															
1916								61		6	39	24	15	38	15	3	44	16	17	4	2	14	2	29	2	17	18								
1917				4	3	11	35	20	24	6	8	18	21	43	7	12	14	16	4	11	9	8	14	7	6	11	24	19	10						
1918			3	10	13	8	6	7	11	67	19	37	47	16	46	11	3	16	30	13	2														
1919	71					34		58			30	28	9	11	21	8	14	3	5	9	11	2	12	16	14	8	1								
1920	101		15		15	21		5			30	3	20	3	12	8	12	6	13	16	39	9	26	11	1										
1921	19							91			15	26	35	14	16	18	11	5	2	2		2	2	13	25	38	19	4	4	4					
1924	65	31	61					31			30	15	47	1	3	23	32	11	1	10	5														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	279	3288	100.0	12	3.3	225	1758	53.5	24	85	55	303	9.2
1	0.10	53	3009	91.5	13	4.4	178	1533	46.6	25	110	98	248	7.5
2	0.20	81	2951	89.8	14	5.7	195	1355	41.2	26	150	85	150	4.5
3	0.30	24	2870	87.3	15	7.5	144	1160	35.3	27	190	39	65	1.9
4	0.40	43	2846	86.6	16	9.8	168	1016	30.9	28	250	20	26	.7
5	0.50	94	2803	85.2	17	13.0	100	848	25.8	29	330	6	6	.1
6	0.70	49	2709	82.4	18	17.0	81	748	22.7	30	430			
7	0.90	306	2660	80.9	19	22.0	87	667	20.3	31	560			
8	1.10	62	2354	71.6	20	29.0	74	580	17.6	32	740			
9	1.50	116	2292	69.7	21	38.0	51	506	15.4	33				
10	1.90	197	2176	66.2	22	50.0	66	455	13.8	34				
11	2.60	221	1979	60.2	23	65.0	86	389	11.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1915	0.30	7	0.30	6	0.30	5	0.34	5	0.42	5	0.64	5	1.50	6	2.70	7	3.20	6
1916	0.00	1	0.00	1	0.00	1	0.00	1	0.02	4	0.14	3	0.46	3	1.00	3	2.00	4
1917	0.30	8	0.30	7	0.36	7	0.42	7	0.69	7	1.40	8	2.60	8	3.70	8	4.40	8
1918	0.20	5	0.57	8	0.80	8	0.80	8	0.82	8	0.93	6	1.60	7	2.30	6	3.20	7
1919	0.20	6	0.23	5	0.30	6	0.34	6	0.50	6	0.96	7	1.00	5	1.30	4	1.60	3
1920	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	1	0.71	2	1.20	2
1921	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.00	2	0.06	1	0.81	1
1924	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.42	4	0.88	4	1.50	5	2.20	5

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1914	368.0	2	323.0	2	295.0	2	251.0	2	221.0	1	185.0	2	153.0	1	126.0	3	89.0	1
1915	27.0	9	26.0	8	25.0	8	24.0	8	21.0	8	16.0	8	13.0	8	11.0	8	8.5	8
1916	183.0	4	182.0	4	180.0	4	168.0	4	151.0	4	120.0	4	95.0	4	76.0	4	53.0	4
1917	291.0	3	286.0	3	262.0	3	223.0	3	221.0	2	197.0	1	153.0	2	127.0	2	85.0	3
1918	30.0	8	26.0	9	24.0	9	22.0	9	20.0	9	18.0	7	13.0	9	11.0	9	8.9	7
1919	150.0	5	138.0	5	129.0	5	106.0	5	96.0	5	76.0	5	58.0	5	45.0	5	31.0	5
1920	85.0	6	83.0	6	78.0	6	72.0	6	65.0	6	53.0	6	46.0	6	40.0	6	27.0	6
1921	416.0	1	405.0	1	356.0	1	267.0	1	210.0	3	162.0	3	145.0	3	128.0	1	87.0	2
1924	36.0	7	33.0	7	30.0	7	28.0	7	21.0	7	15.0	9	13.0	7	11.0	7	7.1	9

10322000 MAGGIE CREEK AT CARLIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.26	4.44	3.47	5.40	21.1	55.8	101	98.2	19.6	3.46	2.07	1.38
12.6	4.09	7.40	77.5	440	3960	5961	15350	410	12.1	5.80	2.62
3.54	2.02	2.72	8.81	21.0	62.9	77.2	124	20.3	3.48	2.41	1.62
1.45	-0.42	2.15	2.43	1.51	1.82	0.40	2.07	1.49	1.58	0.76	1.77
0.83	0.46	0.79	1.63	1.00	1.13	0.77	1.26	1.03	1.01	1.16	1.17
1.33	1.39	1.08	1.69	6.59	17.5	31.5	30.7	6.13	1.08	0.65	0.43

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
23.2	324	18.0	0.36	0.78	-0.444

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.47	0.59	0.44	0.38	1.14	1.55	1.84	1.58	0.93	0.25	0.03	0.12
0.20	0.07	0.09	0.32	0.19	0.18	0.19	0.59	0.59	0.41	0.46	0.07
0.44	0.26	0.30	0.56	0.43	0.42	0.44	0.77	0.77	0.64	0.68	0.27
-0.81	-1.13	0.35	0.64	0.32	0.63	-0.41	-0.64	-1.11	-0.92	-0.83	1.43
0.95	0.44	0.67	1.48	0.38	0.27	0.24	0.49	0.83	2.58	26.1	2.22
5.02	6.34	4.78	4.08	12.2	16.6	19.7	16.9	9.98	2.67	0.28	1.32

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.21	0.18	0.42	-0.27	0.35	-0.506

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	394.0	1917	300.0	1920	85.0	1923	73.0
1915	29.0	1918	31.0	1921	416.0	1924	36.0
1916	183.0	1919	160.0	1922	800.0	1964	2440.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2293	2.2293
STANDARD DEVIATION	0.5995	0.5995
SKEW COEFFICIENTS		
STATION	0.3792	0.3792
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	7.9	4.8	1.9	0.6	14.3
0.9900	10.1	6.8	3.3	1.0	18.8
0.9500	20.5	17.5	12.7	4.0	40.1
0.9000	30.9	28.9	23.2	8.3	61.0
0.8000	52.1	53.1	47.3	19.5	104.4
0.5000	155.4	169.5	169.5	84.2	341.4
0.2000	524.4	541.8	607.7	275.3	1477.3
0.1000	1041.9	994.6	1241.3	471.2	3447.9
0.0400	2253.4	1900.6	2718.2	808.8	8795.8
0.0200	3791.2	2887.9	4936.9	1134.0	16287.7
0.0100	6144.1	4207.4	8609.0	1529.1	28493.4

10322500 HUMBOLDT RIVER AT PALISADE, NV

LOCATION.--Lat 40°36'25", long 116°12'05", in SE¼SE¼ sec.35, T.32 N., R.51 E., Eureka County, Hydrologic Unit 16040101, on right bank 0.2 mi (0.3 km) downstream from Southern Pacific Railroad bridge, 0.5 mi (0.8 km) downstream from Palisade, and 0.8 mi (1.3 km) upstream from Pine Creek.

DRAINAGE AREA.--5,010 mi^2 (12,980 km^2), approximately.

REMARKS.--Diversions for irrigation of 148,000 acres (599 km^2), Humboldt Decree, of hay and pasture land above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																							
1903											20	29	34	33	22	52	28	8	13	2	3	9	6	4	5	48	23	8	17	1					
1904												7	9	26	20	113	10	10	6	3	2	4	4	6	12	23	31	45	25	10					
1905													40	2	1	3	13	24	72	48	18	34	26	26	13	15	22	8							
1906											5		21	35	3	57	18	4	63	2	5	4	3	2	7	7	13	34	52	19	11				
1912																30	98	23	33	7	20	33	9	15	19	19	18	22	6	4	9	1			
1914													27	16	2	2	11	21	45	21	32	16	9	4	9	8	12	32	51	37	10				
1915									18	24	11	5	6	10	4	44	35	46	58	20	15	51	18												
1916										3	24	34	25	24	12	24	47	14	9	8	10	12	14	19	22	16	12	25	12						
1917													5	28	30	47	61	17	10	16	15	4	11	10	2	4	3	15	28	29	29	1			
1918									1	24	17	14	31	29	14	16	32	41	62	16	8	12	42	3	3										
1919								31	31	15	5	2	12	19	70	30	14	9	23	8	9		3	2	18	28	21	12	3						
1920										53	53	53	18	6	6	7	7	31	14	28	6	5	9	24	16	30									
1921												12	4	41	15	19	8	39	29	21	8	1	2	9	3	5	5	14	32	44	10	10	20	14	
1922													2	23	20	21	22	36	67	48	5	3	2	3	2	2	4	20	14	12	31	17	11		
1923													1	11	26	20	31	22	46	47	10	7	12	18	27	32	21	9	21	4					
1924									32	37	10	12	5	1	7	1	4	44	28	55	13	11	49	33	22	2									
1925											12	15	10	40	26	34	11	12	18	11	4	7	22	20	14	14	10	23	34	20	7	1			
1926							2	5	21	24	13	16	11	9	6	7	24	21	42	58	39	21	15	21	10										
1927											22	26	33	42	31	15	22	8	9	6	4	3	11	8	21	28	27	23	10	15	1				
1928										13	31	11	23	14	8	13	36	37	18	18	25	12	21	32	19	7	22	6							
1929											8	59	34	32	50	29	15	5	7	2	8	28	41	13	8	11	5	6	2	1	1				
1930											5	35	50	32	23	35	36	17	7	12	45	18	2	3	4	31	10								
1931			4	8	26	38	13	24	9	6	5	5	3	69	52	11	6	9	26	18	24	9													
1932								5	90	28			12	29	16	24	6	8	7	4	2	4	2	7	2	5	13	27	18	19	12	16	10		
1933										3	52	5	5	50	28	78	12	5	1	5	7	6	29	28	27	3	5	7	9						
1934				9	18	9	2	32	41	48	29	29	17	19	10	30	18	18	16	17	3														
1935										3	78	34	15	20	30	21	17	7	9	26	10	5	19	20	5	14	5	4	4	16	3				
1936										9	25	36	41	34	13	22	18	6	3	6	18	16	13	21	6	5	6	8	31	11	15	3			
1937										4	27	25	10	38	34	33	27	15	13	14	6	6	8	3	6	32	38	17	9						
1938												11	41	57	30	23	25	22	5	4	6	13	23	7	11	15	14	29	18	11					
1939											10	29	30	17	7	16	45	48	50	22	3	2	7	7	3	27	15	10	8	5	4				
1940										13	32	22	11	23	35	40	16	11	9	17	15	15	19	17	34	8	5	15	9						
1941											1	19	26	39	20	36	22	11	11	14	4	8	37	18	9	13	13	28	14	14	8				
1942													13	27	4	9	19	9	5	17	21	52	31	14	13	6	4	11	15	31	24	29	7	4		
1943												21	13	15	21	18	10	8	4	15	24	15	18	19	8	6	15	18	23	22	30	32	7	2	1	
1944												1	51	11	14	17	8	49	30	15	21	6	9	5	14	24	21	35	10	19	6				
1945												1		23	13	16	37	44	19	18	3	10	7	15	15	5	12	36	6	8	20	35	19	3		
1946													4	27	18	3	8	18	27	31	42	29	10	9	11	8	11	19	49	28	13				
1947												31	19	12	5	4	6	11	50	31	21	35	23	55	29	15	11	7							
1948									1	34	21	16	24	15	6	17	33	35	24	29	29	13	32	6	6	6	7	10	2						
1949										2	45	37	57	42	18	26	5	8	9	5	5	4	4	4	17	16	14	27	16	4					
1950											3	25	52	40	23	18	11	5	13	15	8	13	15	18	21	27	37	8	13						
1951												20	21	44	12	9	16	6	11	26	15	16	14	24	22	30	42	19	11	7					
1952												1	28	45	33	31	32	11	33	15	13	5	5	7	4	3	11	13	5	3	23	13	14	16	2
1953												25	11	15	20	17	28	21	20	20	24	42	68	7	7	9	7	8	12	4					
1954									18	34	11	12	6	16	30	27	48	32	19	26	14	43	25	4										
1955									17	37	31	36	52	33	17	9	11	5	4	58	19	7	11	4	4	9	1								
1956										1	17	29	34	14	26	15	7	5	4	17	16	24	12	5	16	16	12	44	18	15	10	8	1		
1957												3	45	22	25	23	38	28	11	5	3	4	7	24	36	25	12	6	13	16	7	5	7		
1958												3	13	36	12	23	14	40	36	24	5	14	5	12	14	16	31	22	19	15	9	2			
1959								9	32	6	14	16	7	14	26	13	44	56	27	82	19														
1960									2	26	36	14	41	76	15	8	23	6	4	2	8	25	27	32	11	10									
1961									5	11	26	49	39	63	12	9	3	22	24	37	14	13	11	5	16	6									
1962												22	67	29	50	13	5	5	3	3	2	5	19	9	12	7	19	31	12	30	14	4	1	1	2
1963												1	39	59	37	37	10	4	2	42	38	12	5	5	11	12	8	6	9	4	4	20			
1964													18	48	20	13	27	78	19	14	3	8	7	4	3	3	15	30	20	13	18	5			
1965														27	5	13	9	15	22	26	8	13	15	40	36	33	34	27	21	11	10				
1966										6	50	20	4	9	8	3	6	7	36	79	44	30	8	9	6	18	19	3							
1967											11	15	7	45	47	26	13	24	5	11	21	8	4	17	44	15	5	7	19	12	9				
1968													7	17	54	32	77	15	9	24	26	38	24	15	4	4	5	10	5						
1969													38	10	20	23	11	15	25	30	8	31	28	7	12	4	12	21	5	21	14	16	8	6	
1970													3	11	3	1	38	62	32	10	6	8	56	35	22	14	9	13	7	23	6	6			
1971																	18	46	17	26	27	20	16	11	15	30	20	34	10	15	3	25	32		
1972													8	25	27	6	5	17	26	28	43	11	21	8	28	28	37	11	25	12					
1973											2	3	20	19	10	16	13	25	23	40	9	16	23	7	5	10	22	29	42	15	10	6			
1974											1	15	28	11	9	17	6	6	34	52	12	17	24	9	9	10	41	49	15						
1975													2	25	4	39	26	45	26	13	3	7	5	8	13	23	13	14	8	27	16	20	26	2	
1976											1	11	13	12	8	20	20	7	6	27	71	21	22	16	46	37	19	9							

10322500 HUMBOLDT RIVER AT PALISADE, NV--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	24838	100.0	12	29.0	1788	21070	84.8	24	520	861	5403	21.7
1	2.00	4	24838	100.0	13	37.0	1469	19282	77.6	25	670	927	4542	18.2
2	2.50	17	24834	100.0	14	47.0	1256	17813	71.7	26	850	1003	3615	14.5
3	3.20	44	24817	99.9	15	59.0	1537	16557	66.7	27	1100	875	2612	10.5
4	4.10	47	24773	99.7	16	76.0	1596	15020	60.5	28	1400	747	1737	6.9
5	5.30	17	24726	99.5	17	96.0	1300	13424	54.0	29	1800	433	990	3.9
6	6.70	75	24709	99.5	18	120.0	1744	12124	48.8	30	2200	336	557	2.2
7	8.60	298	24634	99.2	19	160.0	1105	10380	41.8	31	2900	154	221	.8
8	11.00	360	24336	98.0	20	200.0	970	9275	37.3	32	3600	46	67	.2
9	14.00	715	23976	96.5	21	250.0	1115	8305	33.4	33	4600	19	21	
10	18.00	945	23261	93.7	22	320.0	917	7190	28.9	34	5900	2	2	
11	23.00	1246	22316	89.8	23	410.0	870	6273	25.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1904	21.00 34	21.00 33	21.00 32	21.00 30	22.00 31	25.00 27	29.00 26	36.00 30	47.00 28
1905	57.00 62	57.00 62	61.00 62	65.00 62	66.00 62	73.00 60	96.00 62	113.00 61	125.00 59
1906	34.00 56	34.00 55	34.00 54	34.00 54	34.00 49	38.00 51	48.00 51	55.00 50	72.00 44
1914	60.00 63	60.00 63	63.00 63	68.00 63	79.00 64	84.00 63	98.00 63	120.00 63	139.00 60
1915	34.00 57	34.00 56	34.00 55	34.00 55	35.00 53	49.00 56	76.00 57	88.00 56	85.00 49
1916	12.00 17	12.00 15	12.00 11	13.00 13	13.00 10	16.00 14	19.00 16	24.00 18	41.00 24
1917	21.00 35	21.00 34	21.00 33	23.00 33	24.00 32	28.00 38	40.00 45	49.00 43	60.00 39
1918	32.00 54	33.00 54	35.00 56	37.00 56	38.00 56	41.00 53	52.00 53	65.00 53	86.00 50
1919	13.00 18	14.00 18	14.00 18	15.00 18	17.00 20	25.00 28	33.00 34	37.00 32	44.00 26
1920	9.00 7	9.00 6	9.00 5	9.00 5	9.20 4	10.00 3	12.00 3	15.00 5	18.00 3
1921	14.00 20	14.00 19	14.00 19	14.00 14	14.00 11	16.00 15	20.00 17	26.00 20	47.00 27
1922	30.00 53	30.00 53	31.00 53	33.00 53	34.00 50	36.00 48	48.00 52	63.00 51	78.00 46
1923	27.00 49	27.00 48	29.00 50	32.00 51	35.00 54	44.00 55	54.00 54	67.00 54	86.00 51
1924	34.00 55	35.00 57	36.00 57	38.00 57	42.00 57	51.00 57	72.00 56	91.00 57	96.00 53
1925	9.00 8	9.00 7	9.10 7	9.10 6	9.80 6	10.00 4	12.00 4	14.00 3	20.00 5
1926	44.00 59	44.00 59	45.00 59	46.00 59	52.00 59	75.00 61	87.00 59	102.00 58	108.00 54
1927	6.00 3	7.00 3	8.40 3	8.90 4	9.70 5	11.00 5	14.00 8	17.00 6	23.00 8
1928	14.00 21	14.00 20	14.00 20	15.00 19	18.00 21	22.00 22	27.00 23	36.00 31	54.00 34
1929	11.00 11	11.00 11	12.00 12	12.00 11	14.00 12	16.00 16	18.00 15	21.00 15	27.00 14
1930	14.00 22	15.00 22	16.00 22	18.00 23	18.00 22	21.00 20	24.00 20	24.00 19	33.00 17
1931	16.00 25	16.00 24	17.00 24	18.00 24	21.00 28	28.00 39	31.00 29	33.00 25	35.00 18
1932	2.00 1	2.00 1	2.40 1	2.90 1	3.60 1	4.20 1	4.80 1	5.50 1	7.10 1
1933	23.00 42	23.00 39	24.00 40	25.00 39	27.00 40	29.00 40	30.00 27	34.00 28	39.00 22
1934	11.00 12	12.00 12	13.00 15	14.00 15	14.00 13	15.00 11	16.00 9	17.00 7	25.00 10
1935	3.00 2	3.00 2	3.10 2	3.40 2	3.80 2	5.30 2	6.60 2	7.80 2	9.30 2
1936	11.00 13	12.00 13	13.00 16	14.00 16	15.00 17	16.00 17	16.00 10	17.00 8	24.00 9
1937	18.00 29	19.00 28	21.00 34	24.00 34	25.00 37	27.00 34	31.00 30	33.00 26	42.00 25
1938	11.00 14	13.00 16	14.00 17	15.00 20	16.00 18	17.00 18	20.00 18	23.00 16	31.00 16
1939	22.00 36	23.00 40	25.00 41	27.00 42	27.00 41	28.00 35	37.00 42	50.00 44	68.00 41
1940	15.00 24	15.00 23	16.00 23	17.00 22	19.00 23	21.00 21	27.00 24	28.00 21	35.00 19
1941	11.00 15	12.00 14	12.00 13	12.00 12	14.00 14	15.00 12	17.00 13	20.00 14	26.00 11
1942	41.00 58	41.00 58	42.00 58	44.00 58	49.00 58	60.00 58	80.00 58	104.00 59	148.00 62
1943	27.00 50	27.00 49	28.00 48	28.00 47	29.00 44	32.00 42	37.00 43	52.00 47	112.00 56
1944	19.00 30	19.00 29	20.00 27	20.00 25	21.00 24	25.00 29	34.00 37	47.00 40	64.00 40
1945	20.00 31	23.00 41	23.00 35	24.00 35	24.00 33	26.00 30	31.00 31	41.00 35	59.00 37
1946	48.00 60	48.00 60	49.00 60	53.00 60	61.00 61	72.00 59	89.00 60	111.00 60	152.00 64
1947	26.00 47	27.00 50	29.00 49	30.00 49	31.00 47	40.00 52	63.00 55	79.00 55	113.00 57
1948	12.00 16	20.00 30	21.00 28	21.00 31	21.00 25	23.00 23	26.00 21	30.00 23	51.00 30
1949	14.00 23	14.00 21	15.00 21	15.00 21	16.00 19	18.00 19	21.00 19	23.00 17	30.00 15
1950	17.00 26	18.00 27	19.00 25	20.00 26	21.00 26	23.00 24	26.00 22	29.00 22	38.00 21
1951	25.00 45	26.00 45	27.00 45	27.00 43	29.00 45	32.00 43	36.00 38	49.00 41	115.00 58
1952	26.00 46	26.00 46	27.00 46	27.00 44	28.00 42	33.00 46	37.00 44	43.00 38	52.00 31
1953	30.00 51	30.00 51	31.00 51	33.00 52	34.00 51	36.00 49	43.00 49	50.00 45	83.00 48
1954	20.00 32	20.00 31	21.00 29	21.00 27	21.00 27	26.00 31	33.00 35	41.00 36	52.00 32
1955	8.80 5	9.00 8	9.30 8	9.40 8	10.00 7	11.00 6	13.00 5	15.00 4	19.00 4
1956	8.80 6	8.80 5	9.00 6	9.20 7	10.00 8	12.00 8	14.00 6	17.00 9	36.00 20
1957	20.00 33	20.00 32	21.00 30	21.00 28	22.00 29	24.00 25	28.00 25	33.00 24	49.00 29
1958	22.00 37	22.00 35	23.00 36	23.00 32	24.00 34	28.00 36	36.00 39	52.00 48	69.00 42
1959	22.00 38	22.00 36	23.00 37	25.00 40	28.00 43	32.00 44	36.00 40	43.00 37	60.00 38
1960	7.60 4	8.20 4	8.50 4	8.60 3	8.80 3	11.00 7	14.00 7	17.00 10	22.00 6
1961	9.50 9	10.00 9	11.00 9	11.00 9	13.00 9	14.00 9	16.00 11	18.00 11	23.00 7
1962	10.00 10	10.00 10	11.00 10	12.00 10	14.00 15	16.00 13	17.00 14	19.00 13	26.00 12
1963	23.00 43	25.00 44	25.00 42	25.00 41	26.00 38	28.00 37	31.00 32	34.00 27	40.00 23
1964	22.00 39	23.00 37	23.00 38	24.00 36	25.00 35	27.00 32	31.00 33	40.00 33	56.00 36
1965	24.00 44	24.00 42	26.00 43	28.00 45	30.00 46	32.00 45	34.00 36	41.00 34	108.00 55
1966	87.00 66	87.00 66	89.00 66	95.00 66	102.00 66	118.00 66	138.00 66	141.00 66	140.00 61
1967	13.00 19	13.00 17	13.00 14	14.00 17	14.00 16	15.00 10	16.00 12	18.00 12	26.00 13
1968	30.00 52	30.00 52	31.00 52	32.00 50	34.00 52	37.00 50	41.00 46	46.00 39	54.00 35
1969	27.00 48	27.00 47	28.00 47	29.00 48	38.00 55	42.00 54	42.00 48	49.00 42	73.00 45
1970	23.00 40	23.00 38	24.00 39	24.00 37	25.00 36	27.00 33	36.00 41	50.00 46	71.00 43

10322500 HUMBOLDT RIVER AT PALISADE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1971	66.00 65	69.00 65	71.00 65	80.00 65	82.00 65	85.00 64	94.00 61	114.00 62	156.00 65
1972	62.00 64	62.00 64	64.00 64	69.00 64	75.00 63	85.00 65	98.00 64	121.00 64	160.00 66
1973	23.00 41	24.00 43	26.00 44	28.00 46	32.00 48	35.00 47	41.00 47	53.00 49	79.00 47
1974	17.00 27	17.00 25	21.00 31	24.00 38	27.00 39	31.00 41	44.00 50	63.00 52	91.00 52
1975	17.00 28	18.00 26	20.00 26	21.00 29	22.00 30	25.00 26	30.00 28	36.00 29	52.00 33
1976	53.00 61	54.00 61	55.00 61	55.00 61	60.00 60	77.00 62	101.00 65	122.00 65	149.00 63

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1903	1840.0 35	1800.0 35	1740.0 36	1590.0 34	1290.0 36	1030.0 37	1020.0 32	888.0 32	618.0 37
1904	1840.0 36	1840.0 34	1840.0 31	1810.0 28	1690.0 23	1450.0 24	1340.0 18	1230.0 15	977.0 14
1905	1220.0 50	1190.0 50	1150.0 50	1120.0 48	1030.0 45	847.0 45	711.0 45	614.0 43	479.0 42
1906	2620.0 18	2560.0 16	2490.0 16	2350.0 14	2060.0 14	1730.0 12	1720.0 12	1610.0 12	1200.0 10
1912	2950.0 13	2810.0 14	2680.0 14	2370.0 13	1880.0 18	1460.0 22	1210.0 23	1020.0 24	754.0 25
1914	2780.0 16	2560.0 17	2410.0 18	2230.0 17	2070.0 13	1880.0 11	1760.0 11	1720.0 8	1380.0 8
1915	382.0 64	358.0 64	351.0 64	331.0 64	301.0 64	276.0 64	236.0 64	242.0 60	195.0 61
1916	1780.0 38	1730.0 37	1680.0 37	1540.0 35	1450.0 31	1190.0 32	969.0 36	857.0 36	619.0 36
1917	3170.0 12	2960.0 12	2740.0 12	2550.0 12	2300.0 10	2150.0 10	1970.0 9	1710.0 9	1200.0 9
1918	595.0 60	567.0 60	496.0 62	380.0 63	369.0 63	322.0 60	258.0 62	230.0 63	194.0 62
1919	1440.0 44	1400.0 45	1330.0 43	1240.0 43	1090.0 43	947.0 42	818.0 40	656.0 42	457.0 43
1920	803.0 56	803.0 56	800.0 56	785.0 54	764.0 51	640.0 48	544.0 49	450.0 53	331.0 53
1921	4210.0 4	4120.0 4	3970.0 2	3780.0 2	3550.0 2	2650.0 5	2210.0 5	2130.0 2	1650.0 2
1922	3350.0 10	3280.0 10	3160.0 10	2980.0 8	2630.0 8	2340.0 7	1980.0 8	1680.0 10	1140.0 12
1923	1450.0 42	1420.0 43	1380.0 42	1320.0 41	1230.0 41	930.0 43	767.0 42	696.0 40	561.0 40
1924	537.0 62	528.0 62	518.0 61	493.0 61	429.0 60	382.0 58	353.0 58	340.0 57	259.0 58
1925	2220.0 24	2150.0 24	2010.0 25	1840.0 27	1630.0 25	1400.0 26	1280.0 20	1100.0 20	818.0 20
1926	459.0 63	441.0 63	432.0 63	414.0 62	382.0 62	316.0 61	270.0 61	233.0 62	199.0 60
1927	1820.0 37	1790.0 36	1750.0 35	1490.0 38	1250.0 39	1110.0 34	941.0 37	811.0 39	644.0 34
1928	986.0 53	966.0 53	915.0 53	818.0 53	681.0 55	504.0 56	501.0 52	456.0 52	346.0 51
1929	1900.0 32	1550.0 41	1150.0 51	723.0 56	533.0 57	424.0 57	445.0 55	402.0 54	290.0 56
1930	794.0 57	765.0 57	742.0 57	694.0 57	644.0 56	525.0 54	388.0 57	338.0 58	260.0 57
1931	216.0 66	211.0 66	205.0 66	200.0 66	185.0 66	160.0 66	138.0 67	115.0 67	88.0 67
1932	2580.0 19	2490.0 19	2420.0 17	2260.0 16	2020.0 15	1690.0 13	1410.0 14	1230.0 16	843.0 19
1933	1330.0 47	1290.0 48	1260.0 46	1130.0 47	876.0 49	638.0 49	539.0 50	469.0 49	331.0 52
1934	162.0 68	159.0 68	158.0 68	151.0 68	134.0 68	110.0 68	92.0 68	79.0 68	60.0 68
1935	1890.0 34	1850.0 32	1770.0 33	1670.0 31	1410.0 33	949.0 40	736.0 44	592.0 45	417.0 46
1936	2290.0 22	2250.0 22	2130.0 23	2020.0 22	1690.0 24	1530.0 17	1240.0 22	1020.0 25	716.0 28
1937	1380.0 46	1330.0 46	1290.0 45	1150.0 45	994.0 46	852.0 44	793.0 41	689.0 41	488.0 41
1938	1660.0 41	1650.0 40	1610.0 40	1490.0 39	1380.0 34	1110.0 35	982.0 34	823.0 38	593.0 39
1939	1900.0 33	1850.0 33	1770.0 34	1540.0 36	1250.0 40	947.0 41	764.0 43	601.0 44	425.0 45
1940	1200.0 51	1190.0 51	1170.0 48	1110.0 49	994.0 47	730.0 47	625.0 46	535.0 47	394.0 48
1941	2040.0 27	2000.0 28	1880.0 28	1780.0 29	1590.0 29	1290.0 28	1100.0 29	913.0 29	679.0 30
1942	3990.0 6	3810.0 6	3540.0 6	3170.0 7	2680.0 7	2230.0 9	2190.0 6	1960.0 6	1420.0 7
1943	5790.0 2	4590.0 2	3640.0 4	2790.0 9	2480.0 9	2320.0 8	2140.0 7	1960.0 7	1530.0 5
1944	1960.0 29	1920.0 29	1860.0 29	1720.0 30	1590.0 30	1290.0 29	1140.0 27	993.0 26	740.0 26
1945	3760.0 7	3650.0 7	3430.0 9	3210.0 6	2840.0 6	2670.0 4	2420.0 2	2070.0 3	1540.0 3
1946	2030.0 28	2020.0 27	1990.0 26	1910.0 24	1730.0 22	1530.0 18	1420.0 13	1290.0 13	948.0 16
1947	1050.0 52	1040.0 52	982.0 52	883.0 51	727.0 53	577.0 52	486.0 53	457.0 51	383.0 49
1948	1420.0 45	1400.0 44	1310.0 44	1190.0 44	968.0 48	616.0 51	531.0 51	458.0 50	350.0 50
1949	1940.0 30	1880.0 31	1780.0 32	1650.0 32	1440.0 32	1270.0 30	1100.0 30	900.0 31	613.0 38
1950	1750.0 39	1720.0 38	1640.0 38	1540.0 37	1300.0 35	1050.0 36	980.0 35	861.0 35	658.0 32
1951	1940.0 31	1920.0 30	1850.0 30	1600.0 33	1270.0 37	1160.0 33	1030.0 31	959.0 27	796.0 23
1952	5930.0 1	5880.0 1	5620.0 1	5290.0 1	4740.0 1	3830.0 1	3100.0 1	2490.0 1	1690.0 1
1953	1440.0 43	1440.0 42	1410.0 41	1290.0 42	1080.0 44	765.0 46	576.0 48	497.0 48	411.0 47
1954	330.0 65	329.0 65	321.0 65	306.0 65	283.0 65	254.0 65	221.0 65	208.0 65	162.0 64
1955	695.0 58	648.0 58	597.0 58	545.0 58	420.0 61	291.0 63	241.0 63	216.0 64	157.0 65
1956	2910.0 14	2870.0 13	2700.0 13	2340.0 15	1910.0 17	1470.0 20	1370.0 15	1210.0 17	911.0 17
1957	3340.0 11	3270.0 11	3130.0 11	2700.0 10	2190.0 12	1660.0 14	1260.0 21	1060.0 21	817.0 21
1958	2270.0 23	2230.0 23	2140.0 22	1940.0 23	1620.0 26	1410.0 25	1200.0 24	1030.0 22	782.0 24
1959	192.0 67	177.0 67	170.0 67	167.0 67	158.0 67	152.0 67	144.0 66	133.0 66	120.0 66
1960	605.0 59	596.0 59	579.0 59	532.0 59	435.0 59	350.0 59	350.0 59	312.0 59	223.0 59
1961	568.0 61	565.0 61	542.0 60	504.0 60	442.0 58	296.0 62	271.0 60	234.0 61	176.0 63
1962	5510.0 3	4520.0 3	3570.0 5	2160.0 19	1780.0 21	1500.0 19	1330.0 19	1160.0 18	1000.0 13
1963	2780.0 15	2740.0 15	2600.0 15	2570.0 11	2260.0 11	1560.0 15	1160.0 26	915.0 28	652.0 33
1964	2500.0 20	2370.0 21	2240.0 21	2110.0 20	1920.0 16	1450.0 23	1350.0 17	1160.0 19	802.0 22
1965	2090.0 26	2040.0 26	1980.0 27	1850.0 25	1610.0 27	1310.0 27	1180.0 25	1030.0 23	850.0 18
1966	896.0 55	875.0 55	839.0 55	776.0 55	727.0 54	574.0 53	465.0 54	384.0 55	301.0 54
1967	2180.0 25	2130.0 25	2040.0 24	1850.0 26	1590.0 28	1250.0 31	991.0 33	850.0 37	626.0 35
1968	1230.0 49	1220.0 49	1150.0 49	1030.0 50	816.0 50	522.0 55	404.0 56	364.0 56	299.0 55
1969	4010.0 5	3970.0 5	3820.0 3	3450.0 3	2880.0 5	2370.0 6	1940.0 10	1610.0 11	1150.0 11
1970	2630.0 17	2550.0 18	2380.0 19	2110.0 21	1870.0 19	1460.0 21	1120.0 28	909.0 30	738.0 27
1971	3570.0 9	3480.0 9	3450.0 8	3290.0 5	3150.0 3	2910.0 2	2380.0 3	2010.0 4	1530.0 4
1972	1750.0 40	1700.0 39	1640.0 39	1400.0 40	1260.0 38	1000.0 38	836.0 39	884.0 33	703.0 29
1973	2460.0 21	2420.0 20	2330.0 20	2170.0 18	1870.0 20	1550.0 16	1370.0 16	1260.0 14	955.0 15
1974	1300.0 48	1290.0 47	1230.0 47	1140.0 46	1120.0 42	985.0 39	940.0 38	878.0 34	670.0 31
1975	3650.0 8	3590.0 8	3490.0 7	3370.0 4	3060.0 4	2790.0 3	2380.0 4	1990.0 5	1510.0 6
1976	928.0 54	898.0 54	855.0 54	826.0 52	753.0 52	631.0 50	577.0 47	572.0 46	454.0 44

10322500 HUMBOLDT RIVER AT PALISADE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
47.0	74.5	95.0	132	263	506	834	958	1142	332	53.5	32.1
974	2441	4141	15080	63250	147200	482600	557300	579800	93970	2026	438
31.2	49.4	64.3	123	251	384	695	746	761	307	45.0	20.9
1.35	0.91	1.37	2.02	2.38	1.95	1.92	1.27	0.54	1.21	1.58	1.66
0.66	0.66	0.68	0.93	0.96	0.76	0.83	0.78	0.67	0.92	0.84	0.65
1.05	1.67	2.13	2.95	5.89	11.3	18.7	21.4	25.6	7.42	1.20	0.72

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
372	49190	222	0.72	0.60	0.174

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.59	1.78	1.88	1.98	2.28	2.61	2.78	2.81	2.88	2.28	1.58	1.43
0.07	0.09	0.09	0.12	0.12	0.08	0.14	0.21	0.28	0.29	0.15	0.07
0.26	0.30	0.29	0.34	0.35	0.29	0.38	0.46	0.53	0.54	0.38	0.26
0.40	-0.13	-0.21	0.26	0.20	0.23	-0.57	-1.30	-1.94	-0.72	-0.33	0.16
0.16	0.17	0.16	0.17	0.15	0.11	0.14	0.16	0.18	0.24	0.24	0.18
6.16	6.86	7.28	7.65	8.80	10.1	10.7	10.9	11.1	8.79	6.11	5.53

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.48	0.09	0.30	-0.73	0.12	0.221

10322500 HUMBOLDT RIVER AT PALISADE, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1903	1840.0	1925	2220.0	1943	6250.0	1960	650.0
1904	1835.0	1926	459.0	1944	2000.0	1961	596.0
1905	1220.0	1927	1820.0	1945	3780.0	1962	6610.0
1906	2620.0	1928	986.0	1946	2040.0	1963	2810.0
1910	17000.0	1929	1900.0	1947	1110.0	1964	2560.0
1912	2950.0	1930	794.0	1948	1530.0	1965	2100.0
1913	1270.0	1931	216.0	1949	1960.0	1966	932.0
1914	2780.0	1932	2580.0	1950	1770.0	1967	2200.0
1915	382.0	1933	1330.0	1951	2080.0	1968	1260.0
1916	1810.0	1934	162.0	1952	6050.0	1969	4120.0
1917	3170.0	1935	1890.0	1953	1460.0	1970	2680.0
1918	595.0	1936	2290.0	1954	338.0	1971	3600.0
1919	1440.0	1937	1400.0	1955	710.0	1972	1840.0
1920	803.0	1938	1660.0	1956	2940.0	1973	2480.0
1921	4300.0	1939	1900.0	1957	3420.0	1974	1320.0 *
1922	3350.0	1940	1210.0	1958	2300.0	1975	3690.0
1923	1450.0	1941	2110.0	1959	212.0	1976	940.0
1924	537.0	1942	4100.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.2191	3.2191
STANDARD DEVIATION	0.3600	0.3600
SKEW COEFFICIENTS		
STATION	-0.5097	-0.5097
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.3058 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	70	70
PERIOD (YEARS)	70	70

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	132.2	154.5	136.0	101.1 . 214.8
0.9900	177.8	200.4	182.7	136.2 . 270.8
0.9500	379.9	395.8	381.9	295.8 . 500.0
0.9000	552.9	559.3	544.9	436.5 . 686.1
0.8000	848.1	837.0	826.7	681.9 . 999.7
0.5000	1776.6	1727.6	1727.6	1466.5 . 2038.6
0.2000	3368.8	3358.7	3392.6	2808.4 . 4132.1
0.1000	4532.8	4645.7	4736.3	3802.7 . 5914.7
0.0400	6053.1	6454.6	6656.0	5141.7 . 8555.7
0.0200	7192.1	7909.4	8268.6	6183.7 . 10769.3
0.0100	8320.5	9438.5	9980.7	7253.7 . 13166.6

10322980 COLE CREEK NEAR PALISADE, NV

LOCATION.--Lat 40°35'05", long 116°08'55", in SE¼NE¼ sec.7, T.31 N., R.52 E., Eureka County, Hydrologic Unit 16040104, at culvert on State Highway 20, 0.2 mi (0.3 km) upstream from Pine Creek, and 3.2 mi (5.1 km) southeast of Palisade.

DRAINAGE AREA.--11.4 mi^2 (29.5 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	50.0	1966	3.0	1970	18.0	1974	3.0
1963	25.0	1967	22.0	1971	26.0	1975	31.0
1964	3.0	1968	15.0	1972	10.0	1976	0.3
1965	100.0	1969	40.0	1973	1.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.0192	1.0192	
STANDARD DEVIATION	0.6954	0.6954	
SKEW COEFFICIENTS			
STATION	-0.8517	-0.8517	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	15	15	
PERIOD (YEARS)	15	15	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	0.0	0.2	0.1	0.0	0.5
0.9900	0.1	0.3	0.1	0.0	0.7
0.9500	0.5	0.8	0.6	0.2	1.8
0.9000	1.2	1.3	1.1	0.4	2.9
0.8000	3.0	2.7	2.4	1.0	5.5
0.5000	13.1	10.5	10.5	5.1	21.4
0.2000	41.1	40.2	44.7	19.8	109.0
0.1000	66.6	81.4	99.9	37.1	276.9
0.0400	102.7	172.4	237.9	70.0	773.4
0.0200	130.5	280.1	444.7	104.4	1519.0
0.0100	157.7	433.4	843.1	148.7	2802.1

10323000 PINE CREEK NEAR PALISADE, NV

LOCATION.--Lat 40°35'45", long 116°10'25", in NW¼SE¼ sec.1, T.31 N., R.51 E., Eureka County, Hydrologic Unit 16040104, on right bank 1.2 mi (1.9 km) upstream from mouth, and 1.5 mi (2.4 km) southeast of Palisade.

DRAINAGE AREA.--999 mi^2 (2,587 km^2).

REMARKS.--Diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1913									15		70			24		52	42	16	58	86	2														
1914												12	19	31	22	6	58	57	21	9	15	11	14	23	31	26	1	2	4	1			2		
1947		3	25	30	17	4	9	17	9	3	5	6	8	14	15	16	8	36	13	96	18	8	3	2											
1948		7	54	30	8	6	10	20	13	8	2			4	8	19	23	65	66	21	2														
1949		2	10	2	18	7	9	38	18			2	12	8	10	32	35	91	9	13	13	11	11	4	4	5	1								
1950		10	32	6	25	4	10	5	2	1	1	6	11	20	15	11	61	56	32	37	12	4	3	1											
1951	19	12	8	2	1	14	12	19	4	10	17	19	26	13	6	8	17	7	35	35	42	12	9	8	5	1	2		1	1					
1952	1				9	4	7	23	15	6	11	7	8	23	11	27	42	55	48	8	2	7	4	1	2	1	4	3	17	12	5	3			
1953	31	13	44	27	19	5	5	7	7	2	1	3	2	7	6	24	49	64	40	9															
1954	55	17	28	20	12	10	1	2	5	9	7	11	12	12	26	42	55	24	14	3															
1955	47	16	49	13	8	13	1	1	5	3	2	1	14	14	18	88	31	17	7	5	9	3													
1956		52	20		11	4	4	1	3	2	13	27	17	20	17	21	43	16	20	20	9	16	9	5	4	6	6								
1957	30	58	2		2	3	7	3	2	5	5	22	16	4	31	71	44	26	27	5	2														
1958	2	92	50	9						1			1	5	13	34	53	25	18	25	21	7	5	4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	185	5113	100.0	12	3.0	146	3372	65.9	24	68	46	150	2.9
1	0.10	282	4928	96.4	13	3.8	199	3226	63.1	25	88	39	104	2.0
2	0.20	322	4646	90.9	14	5.0	198	3027	59.2	26	110	14	65	1.2
3	0.30	139	4324	84.6	15	6.5	451	2829	55.3	27	150	5	51	.9
4	0.40	130	4185	81.9	16	8.4	561	2378	46.5	28	190	22	46	.8
5	0.50	74	4055	79.3	17	11.0	555	1817	35.5	29	250	14	24	.4
6	0.60	75	3981	77.9	18	14.0	408	1262	24.7	30	320	5	10	.1
7	0.80	136	3906	76.4	19	18.0	372	854	16.7	31	420	3	5	
8	1.00	98	3770	73.7	20	24.0	147	482	9.4	32	550	2	2	
9	1.40	50	3672	71.8	21	31.0	79	335	6.6	33				
10	1.80	134	3622	70.8	22	40.0	58	256	5.0	34				
11	2.30	116	3488	68.2	23	52.0	48	198	3.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1913	1.40 13	1.40 13	1.80 13	2.00 13	2.40 13	2.60 13	3.00 12	3.00 12	6.30 13
1914	1.00 12	1.00 12	1.10 12	1.60 12	1.80 12	2.30 12	3.50 13	3.70 13	6.10 12
1947	2.90 14	3.00 14	3.20 14	3.20 14	3.60 14	5.30 14	7.90 14	9.10 14	13.00 14
1948	0.10 6	0.13 10	0.17 9	0.18 9	0.21 7	0.32 8	0.41 6	0.88 6	1.80 5
1949	0.10 7	0.10 6	0.10 7	0.15 8	0.18 6	0.20 6	0.24 4	0.32 3	1.30 4
1950	0.10 8	0.10 7	0.20 10	0.30 10	0.48 10	0.58 9	0.74 9	1.10 10	3.80 10
1951	0.10 9	0.10 8	0.10 8	0.14 7	0.24 8	0.27 7	0.69 8	1.00 8	3.00 9
1952	0.00 1	0.00 1	0.01 5	0.12 6	0.43 9	0.77 10	0.79 10	1.00 9	2.30 7
1953	0.40 11	0.40 11	0.43 11	0.63 11	0.77 11	1.30 11	1.90 11	2.60 11	5.10 11
1954	0.00 2	0.00 2	0.00 1	0.00 1	0.05 3	0.09 3	0.12 2	0.19 1	0.67 2
1955	0.00 3	0.00 3	0.00 2	0.00 2	0.06 4	0.06 2	0.21 3	0.20 2	0.62 1
1956	0.00 4	0.00 4	0.00 3	0.00 3	0.00 1	0.04 1	0.08 1	0.36 4	0.81 3
1957	0.10 10	0.10 9	0.10 6	0.11 5	0.11 5	0.16 4	0.25 5	0.95 7	2.60 8
1958	0.00 5	0.00 5	0.00 4	0.00 4	0.01 2	0.18 5	0.47 7	0.76 5	2.00 6

10323000 PINE CREEK NEAR PALISADE, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1913	28.0 10	23.0 12	22.0 10	19.0 10	18.0 10	17.0 9	16.0 9	14.0 10	15.0 8
1914	1000.0 1	770.0 1	434.0 1	256.0 2	159.0 2	120.0 2	105.0 2	88.0 2	65.0 2
1947	64.0 6	55.0 7	47.0 7	39.0 7	32.0 7	24.0 7	21.0 7	21.0 6	19.0 6
1948	25.0 12	24.0 10	22.0 11	18.0 11	17.0 11	16.0 10	15.0 10	15.0 9	14.0 10
1949	110.0 5	94.0 5	89.0 5	69.0 5	57.0 5	42.0 5	32.0 5	27.0 5	22.0 5
1950	52.0 8	49.0 8	43.0 8	32.0 8	27.0 8	22.0 8	21.0 8	18.0 8	15.0 9
1951	315.0 3	213.0 3	145.0 3	91.0 3	63.0 3	45.0 3	38.0 3	35.0 3	28.0 3
1952	545.0 2	449.0 2	340.0 2	318.0 1	278.0 1	201.0 1	140.0 1	109.0 1	74.0 1
1953	22.0 13	20.0 13	19.0 13	17.0 12	16.0 12	14.0 12	14.0 11	13.0 11	12.0 11
1954	22.0 14	20.0 14	17.0 14	16.0 14	14.0 14	12.0 14	10.0 14	9.8 14	8.8 14
1955	35.0 9	32.0 9	32.0 9	27.0 9	21.0 9	15.0 11	12.0 12	11.0 12	9.8 12
1956	135.0 4	120.0 4	114.0 4	82.0 4	62.0 4	43.0 4	37.0 4	32.0 4	25.0 4
1957	27.0 11	23.0 11	20.0 12	17.0 13	16.0 13	13.0 13	11.0 13	11.0 13	9.8 13
1958	62.0 7	59.0 6	53.0 6	42.0 6	33.0 6	27.0 6	24.0 6	20.0 7	17.0 7

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.31	11.9	13.5	20.7	24.7	31.6	41.5	12.0	3.37	2.49	1.46	2.37
18.3	16.3	30.4	890	451	623	4478	333	18.3	17.7	2.80	9.44
4.28	4.03	5.51	29.8	21.2	25.0	66.9	18.3	4.27	4.20	1.67	3.07
1.98	0.44	1.80	3.59	1.62	1.16	2.99	2.58	2.37	1.99	1.11	2.38
0.58	0.34	0.41	1.44	0.86	0.79	1.61	1.52	1.27	1.69	1.14	1.29
4.23	6.90	7.79	12.0	14.3	18.3	24.0	6.96	1.95	1.44	0.84	1.37

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
13.3	121	11.0	1.94	0.83	-0.021

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.81	1.05	1.10	1.14	1.28	1.39	1.27	0.54	0.18	-0.30	-0.17	0.11
0.04	0.02	0.02	0.11	0.09	0.09	0.31	0.69	0.43	0.88	0.37	0.25
0.21	0.15	0.15	0.33	0.30	0.31	0.55	0.83	0.66	0.94	0.61	0.50
0.71	-0.32	1.02	1.89	1.09	0.69	0.43	-0.31	-0.55	-0.41	0.00	0.08
0.26	0.14	0.14	0.29	0.23	0.22	0.44	1.53	3.64	-3.16	-3.47	4.55
9.65	12.5	13.1	13.6	15.2	16.5	15.1	6.48	2.14	-3.53	-2.08	1.31

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.03	0.08	0.28	0.99	0.27	0.090

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1912	82.0	1948	28.0	1952	1010.0	1956	190.0
1913	28.0	1949	146.0	1953	24.0	1957	60.0
1914	1000.0	1950	53.0	1954	23.0	1958	67.0
1946	600.0	1951	358.0	1955	788.0	1962	3140.0
1947	76.0						

10323000 PINE CREEK NEAR PALISADE, NV--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1725	2.1725
STANDARD DEVIATION	0.6682	0.6682
SKEW COEFFICIENTS		
STATION	0.4974	0.4974
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	17	17
PERIOD (YEARS)	17	17

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	5.8	2.8	1.4	0.5	8.1
0.9900	7.3	4.1	2.4	0.8	11.0
0.9500	15.0	11.8	9.3	3.4	26.2
0.9000	22.9	20.7	17.4	7.0	42.3
0.8000	39.8	40.7	37.3	16.9	77.5
0.5000	131.0	148.8	148.8	78.3	282.6
0.2000	516.1	543.1	593.6	285.7	1311.5
0.1000	1138.9	1068.7	1271.5	523.1	3142.8
0.0400	2808.3	2199.6	2896.3	968.2	8218.8
0.0200	5197.6	3506.3	5178.4	1426.5	15450.0
0.0100	9246.0	5333.5	9258.0	2012.0	27385.3

10323200 BOB CREEK NEAR BEOWAWE, NV

LOCATION.--Lat 40°39'35", long 116°24'30", in NE¼SE¼ sec.11, T.32 N., R.49 E., Eureka County, Hydrologic Unit 16040105, at culvert on Interstate Highway 80, 6 mi (10 km) northeast of Beowawe.

DRAINAGE AREA.--13.9 mi^2 (36.0 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	130.0	1966	10.0	1970	25.0	1974	8.0
1963	110.0	1967	5.0	1971	80.0	1975	43.0
1964	40.0	1968	20.0	1972	34.0	1976	0
1965	90.0	1969	23.0	1973	34.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.4584 S	1.4836 S	
STANDARD DEVIATION	0.4464 S	0.4009 S	
SKEW COEFFICIENTS			
STATION	-0.3391	-0.3391	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9333	0.9333	
NUMBER OF PEAKS	14	14	
PERIOD (YEARS)	15	15	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	7.5	9.3	0.0	4.6	14.7
0.8000	12.4	14.0	13.2	7.9	21.1
0.5000	30.4	30.4	30.4	20.2	46.0
0.2000	69.1	66.2	70.4	44.0	117.6
0.1000	102.8	99.4	111.9	63.2	201.4
0.0400	153.3	153.3	184.5	91.2	364.1
0.0200	195.9	202.7	264.6	114.8	537.2
0.0100	242.4	260.7	382.6	140.7	764.7

10323500 HUMBOLDT RIVER NEAR ARGENTA, NV

LOCATION.--Lat 40°40'45", long 116°38'45", in SE¼NW¼ sec.2, T.32 N., R.47 E., Lander County, Hydrologic Unit 16040105, on left bank 3 mi (5 km) east of Argenta, and 15.5 mi (24.9 km) east of Battle Mountain.

DRAINAGE AREA.--7,490 mi^2 (19,400 km^2), approximately.

REMARKS.--Many diversions above station for irrigation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1947						29	7	8	3	2		3	1	1	3	5	3	4	4	5	34	54	30	46	36	59	22	6							
1948						14	15	24	5	6	2	1	1	3	4	12	16	10	11	13	28	61	27	36	40	10	6	13	8							
1949					15	5	13	20	6	11	7	6	8	12	4	6	16	51	23	20	8	11	10	7	5	7	26	19	30	19						
1950								11	1	13	7	2	5	13	6	19	15	21	40	30	5	5	4	16	15	27	30	58	10	12						
1951								11	4	4	1	5	2	2	16	16	14	10	19	10	11	7	19	27	23	18	32	53	40	20	1					
1952								13	1			4	5	3	5	8	18	22	13	38	29	20	29	32	9	10	4	5	14	13	22	10	17	21	1
1953								11	7	4	3	11	6	7	9	5	6	11	15	18	28	35	26	60	56	9	12	12	14							
1954			50	5	9	1	5	17	1	3	1	1	1	2	5	15	12	21	24	43	33	36	24	38	18										
1955		16	47	31	21	12	7	1	2	5	5	5	15	24	11	8	10	4	12	8	13	49	32	11	4	10	2								
1956		17	3	24	4	2	9	12	9	7	2	2	3	1	5	10	10	16	9	3	5	11	14	33	11	8	29	37	33	23	9	5			
1957							8	6	17	8	6	6	6	2	9	5	5	28	27	51	11	4	4	6	19	35	39	12	16	17	12	6			
1958										17	9	4	7	3	4	7	18	20	9	13	63	26	9	12	6	20	30	32	32	17	7					
1959			4	20	28	24	2	1	1		1	4	6	3	5	12	13	24	27	53	42	71	24													
1960			2	34	48	12	10	10	3	3	1	2	3	8	22	32	18	12	20	5	7	3	17	38	36	20										
1961			8	35	46	21	6	1	2	1	1	1	5	10	28	34	12	4	6	12	33	34	23	14	12	16										
1962				40	10	1	1	20	4	9	5	6	5	22	7	33	15	4	4	3	3	4	4	3	9	26	21	30	22	26	22	2	1	3		
1963								23	17	11	17	9	6	5	14	27	24	26	4	2	4	43	45	8	7	19	10	7	8	5	24					
1964							10	1		13	8	12	4	6	6	15	10	18	6	78	32	16	5	7	6	8	7	39	24	16	19					
1965												2	2	1	23	2	11	9	3	3	19	27	24	15	24	42	57	36	35	19	11					
1966			14	8	19	4	9	12	5	5	3	2	2	1	2	2	13	2	3	6	16	67	92	19	11	13	24	11								
1967			3	23	7	3	5	2			2	2	2	15	19	17	26	18	13	26	7	8	26	10	5	62	14	9	18	12	11					
1968												1	22	13	17	29	15	17	40	38	20	20	32	37	35	5	5	13	7						
1969							11	17	6	2	1	2	4	3	9	10	9	16	12	12	17	32	16	28	37	13	4	30	11	11	33	9	10		
1970							9		1			1	1	3	1	2	8	23	14	31	42	20	9	28	40	52	18	11	19	21	8	3			
1971																			5	50	16	29	35	27	15	14	36	39	23	14	7	31	24		
1972												5	18	18	12	11	3	2	4	14	25	25	48	16	19	40	32	31	18	24	1				
1973												12	14	6	7	8	15	11	16	21	23	38	14	4	28	18	8	26	50	30	16				
1974							25	3	2	6	4	12	7	3	5	5	9	4	3	5	17	69	16	21	23	12	32	55	26	1					
1975							12	2		1	3	9	1	1	1	11	10	21	27	26	23	27	5	7	9	15	26	16	17	18	28	19	30		
1976							5	8	11	8	9	8	5	4	5	7	11	4	6	9	9	16	43	62	16	59	49	12							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10958	100.0	12	6.1	167	9351	85.3	24	250	574	3624	33.0
1	0.10	33	10958	100.0	13	8.3	195	9184	83.8	25	340	647	3050	27.8
2	0.30	131	10925	99.7	14	11.0	264	8989	82.0	26	470	575	2403	21.9
3	0.40	220	10794	98.5	15	15.0	373	8725	79.6	27	640	612	1828	16.6
4	0.50	207	10574	96.5	16	21.0	365	8352	76.2	28	880	475	1216	11.0
5	0.70	128	10367	94.6	17	29.0	433	7987	72.9	29	1200	318	741	6.7
6	0.90	169	10239	93.4	18	39.0	419	7554	68.9	30	1600	231	423	3.8
7	1.30	234	10070	91.9	19	53.0	646	7135	65.1	31	2200	85	192	1.7
8	1.80	108	9836	89.8	20	73.0	623	6489	59.2	32	3000	82	107	.9
9	2.40	139	9728	88.8	21	100.0	868	5866	53.5	33	4100	24	25	.2
10	3.30	98	9589	87.5	22	140.0	706	4998	45.6	34	5700	1	1	
11	4.50	140	9491	86.6	23	190.0	668	4292	39.2					

10323500 HUMBOLDT RIVER NEAR ARGENTA, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1947	12.00 26	12.00 26	12.00 26	14.00 26	15.00 26	26.00 26	47.00 26	67.00 26	106.00 25
1948	0.70 8	0.70 8	0.70 8	0.73 8	0.74 7	0.91 7	4.20 10	11.00 11	36.00 13
1949	0.60 7	0.60 7	0.60 7	0.63 7	0.79 8	1.10 8	2.80 7	7.00 7	18.00 7
1950	1.10 11	1.10 10	1.10 10	1.10 10	1.20 10	1.60 9	4.40 11	9.50 10	22.00 9
1951	2.70 19	2.80 20	2.90 20	3.00 20	5.10 20	9.50 20	17.00 21	32.00 21	109.00 26
1952	1.30 15	1.40 15	1.40 16	1.50 16	1.60 15	6.60 16	14.00 18	23.00 18	41.00 16
1953	4.50 21	4.70 21	5.10 21	5.90 22	8.00 23	16.00 25	26.00 25	38.00 24	76.00 23
1954	1.20 14	1.20 13	1.30 14	1.30 14	1.40 14	3.60 14	12.00 15	21.00 15	39.00 14
1955	0.30 6	0.30 5	0.30 3	0.30 2	0.30 2	0.30 2	0.31 1	0.33 1	2.00 1
1956	0.20 1	0.20 1	0.20 1	0.20 1	0.20 1	0.27 1	0.34 2	0.48 3	18.00 8
1957	1.10 12	1.10 11	1.20 12	1.20 12	1.30 12	2.10 11	7.50 12	15.00 12	31.00 11
1958	1.80 17	1.90 17	2.00 17	2.10 17	2.50 17	7.40 18	17.00 22	33.00 23	55.00 20
1959	2.50 18	2.50 18	2.60 18	2.80 18	4.00 19	7.90 19	14.00 16	22.00 16	41.00 17
1960	0.30 2	0.30 2	0.36 5	0.38 5	0.41 6	0.48 5	0.52 5	0.56 4	5.40 4
1961	0.30 3	0.33 6	0.37 6	0.39 6	0.40 5	0.48 6	0.52 6	0.68 5	4.50 2
1962	0.30 4	0.30 3	0.31 4	0.34 4	0.37 4	0.40 3	0.40 3	0.47 2	5.20 3
1963	1.40 16	1.40 16	1.40 15	1.50 15	1.80 16	2.40 12	3.40 8	8.00 8	15.00 6
1964	1.20 13	1.20 14	1.20 13	1.20 13	1.40 13	3.60 15	9.80 13	18.00 13	35.00 12
1965	2.80 20	2.80 19	2.80 19	3.00 19	3.90 18	7.20 17	11.00 14	20.00 14	95.00 24
1966	81.00 30	81.00 30	83.00 30	89.00 30	93.00 30	109.00 30	127.00 30	130.00 30	134.00 27
1967	0.30 5	0.30 4	0.30 2	0.33 3	0.34 3	0.40 4	0.51 4	0.84 6	6.30 5
1968	8.10 25	8.50 25	8.90 25	9.80 25	10.00 25	13.00 24	19.00 23	25.00 19	39.00 15
1969	5.80 24	6.10 24	6.60 24	7.50 24	9.40 24	12.00 23	15.00 19	23.00 17	53.00 18
1970	0.99 9	1.10 12	1.10 11	1.10 11	1.20 11	2.80 13	14.00 17	32.00 22	57.00 21
1971	24.00 28	24.00 28	27.00 28	31.00 28	31.00 27	42.00 27	57.00 27	86.00 27	136.00 28
1972	50.00 29	52.00 29	54.00 29	55.00 29	60.00 29	69.00 29	83.00 29	104.00 28	146.00 30
1973	4.90 22	5.40 23	5.80 23	6.10 23	7.10 22	9.60 21	15.00 20	27.00 20	53.00 19
1974	5.10 23	5.30 22	5.40 22	5.60 21	6.00 21	9.70 22	19.00 24	40.00 25	71.00 22
1975	1.00 10	1.00 9	1.00 9	1.00 9	1.00 9	1.80 10	4.00 9	9.10 9	25.00 10
1976	18.00 27	19.00 27	20.00 27	24.00 27	38.00 28	57.00 28	82.00 28	107.00 29	142.00 29

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1947	766.0 25	740.0 25	692.0 25	636.0 25	534.0 25	393.0 25	354.0 25	363.0 23	315.0 22
1948	970.0 22	961.0 22	933.0 22	870.0 22	735.0 21	467.0 24	413.0 22	369.0 22	293.0 23
1949	1430.0 17	1420.0 17	1390.0 17	1330.0 16	1160.0 16	1040.0 15	917.0 14	762.0 16	523.0 19
1950	1320.0 18	1310.0 18	1280.0 18	1220.0 18	1050.0 17	871.0 19	833.0 17	745.0 18	579.0 15
1951	1610.0 15	1560.0 15	1480.0 16	1310.0 17	1050.0 18	996.0 16	909.0 15	884.0 12	737.0 9
1952	5700.0 1	5650.0 1	5490.0 1	5190.0 1	4600.0 1	3590.0 1	2900.0 1	2340.0 1	1600.0 1
1953	1100.0 20	1100.0 20	1080.0 20	1000.0 20	851.0 20	616.0 20	466.0 21	406.0 21	352.0 21
1954	310.0 29	309.0 29	302.0 29	290.0 29	265.0 29	233.0 27	200.0 28	181.0 28	144.0 27
1955	514.0 26	487.0 26	451.0 26	395.0 27	302.0 28	212.0 29	186.0 29	173.0 29	123.0 29
1956	2400.0 7	2390.0 7	2250.0 7	2000.0 8	1680.0 8	1290.0 8	1200.0 6	1070.0 6	822.0 7
1957	2610.0 6	2490.0 6	2390.0 6	2080.0 5	1790.0 6	1400.0 5	1070.0 10	914.0 10	713.0 10
1958	1780.0 14	1770.0 14	1740.0 14	1580.0 14	1310.0 14	1170.0 13	1020.0 11	891.0 11	679.0 12
1959	151.0 30	150.0 30	149.0 30	148.0 30	144.0 30	137.0 30	130.0 30	120.0 30	100.0 30
1960	454.0 27	448.0 27	441.0 27	404.0 26	335.0 26	271.0 26	281.0 26	254.0 26	179.0 26
1961	425.0 28	420.0 28	404.0 28	382.0 28	331.0 27	228.0 28	216.0 27	187.0 27	137.0 28
1962	4980.0 2	4120.0 2	3390.0 5	2080.0 6	1610.0 10	1350.0 7	1180.0 7	1050.0 7	925.0 5
1963	2180.0 10	2150.0 9	2110.0 8	2070.0 7	1860.0 5	1270.0 9	946.0 13	750.0 17	536.0 18
1964	2190.0 9	2130.0 10	2030.0 10	1890.0 9	1690.0 7	1250.0 11	1170.0 8	1020.0 8	705.0 11
1965	1910.0 12	1880.0 12	1840.0 12	1690.0 12	1500.0 12	1220.0 12	1100.0 9	966.0 9	807.0 8
1966	823.0 24	815.0 24	784.0 23	704.0 23	621.0 23	493.0 22	398.0 23	334.0 24	267.0 25
1967	1900.0 13	1880.0 13	1820.0 13	1690.0 13	1450.0 13	1120.0 14	887.0 16	763.0 15	565.0 17
1968	1060.0 21	1050.0 21	1000.0 21	902.0 21	733.0 22	467.0 23	359.0 24	329.0 25	273.0 24
1969	4060.0 3	4030.0 3	3770.0 3	3340.0 4	2750.0 4	2220.0 4	1770.0 4	1470.0 4	1060.0 4
1970	2370.0 8	2300.0 8	2110.0 9	1780.0 11	1610.0 11	1260.0 10	957.0 12	777.0 14	658.0 13
1971	4050.0 4	3870.0 4	3650.0 4	3370.0 3	3230.0 2	2900.0 3	2330.0 3	1950.0 3	1470.0 3
1972	1600.0 16	1540.0 16	1490.0 15	1410.0 15	1260.0 15	985.0 17	801.0 18	801.0 13	645.0 14
1973	2090.0 11	2070.0 11	2000.0 11	1890.0 10	1640.0 9	1390.0 6	1250.0 5	1160.0 5	882.0 6
1974	1210.0 19	1190.0 19	1130.0 19	1050.0 19	1030.0 19	873.0 18	794.0 19	731.0 19	566.0 16
1975	3880.0 5	3840.0 5	3780.0 2	3500.0 2	3190.0 3	2940.0 2	2480.0 2	2050.0 2	1560.0 2
1976	853.0 23	826.0 23	744.0 24	638.0 24	584.0 24	498.0 21	488.0 20	486.0 20	394.0 20

10323500 HUMBOLDT RIVER NEAR ARGENTA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
22.9	60.1	97.6	146	294	459	744	838	1055	333	39.1	12.3
837	2709	5951	14990	66850	82360	521600	679000	582500	115800	2884	565
28.9	52.1	77.1	122	259	287	722	824	763	340	53.7	23.8
1.81	0.89	1.21	0.84	1.97	1.03	2.43	1.85	1.11	1.46	2.07	2.88
1.27	0.87	0.79	0.84	0.88	0.63	0.97	0.98	0.72	1.02	1.37	1.94
0.56	1.47	2.38	3.57	7.17	11.2	18.2	20.4	25.7	8.11	0.95	0.30

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
336	45470	213	0.92	0.63	0.086

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.92	1.53	1.83	1.97	2.32	2.58	2.72	2.73	2.86	2.22	1.12	0.50
0.60	0.35	0.17	0.23	0.15	0.08	0.14	0.20	0.22	0.39	0.63	0.52
0.78	0.59	0.42	0.47	0.39	0.28	0.37	0.45	0.47	0.62	0.79	0.72
-0.64	-1.42	-0.83	-0.57	-0.42	-0.20	0.10	-0.24	-1.39	-0.79	-0.61	0.44
0.85	0.39	0.23	0.24	0.17	0.11	0.14	0.16	0.16	0.28	0.71	1.45
3.93	6.58	7.88	8.45	9.95	11.1	11.7	11.7	12.3	9.54	4.81	2.15

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.43	0.10	0.32	-0.61	0.13	0.286

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1946	1780.0	1954	315.0	1962	6000.0	1970	2410.0
1947	797.0	1955	523.0	1963	2200.0	1971	4120.0
1948	974.0	1956	2430.0	1964	2240.0	1972	1630.0
1949	1450.0	1957	2680.0	1965	1930.0	1973	2110.0
1950	1330.0	1958	1810.0	1966	831.0	1974	1220.0
1951	1630.0	1959	153.0	1967	1920.0	1975	3910.0
1952	5700.0	1960	462.0	1968	1060.0	1976	862.0
1953	1120.0	1961	436.0	1969	4140.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1603	3.1603
STANDARD DEVIATION	0.3653	0.3653
SKEW COEFFICIENTS		
STATION	-0.6126	-0.6126
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0490 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	31	31
PERIOD (YEARS)	31	31

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	102.7	159.4	128.8	82.7	249.5
0.9900	141.4	198.3	168.4	108.4	300.5
0.9500	318.2	358.3	333.9	224.6	501.1
0.9000	472.8	490.0	464.6	328.0	660.8
0.8000	739.0	714.0	695.2	512.2	931.2
0.5000	1575.3	1456.3	1456.3	1129.7	1878.7
0.2000	2974.8	2941.8	3018.7	2255.1	4103.6
0.1000	3963.2	4231.9	4452.0	3140.9	6310.2
0.0400	5209.9	6218.5	6751.4	4411.7	10059.8
0.0200	6111.9	7961.2	8978.6	5465.6	13622.8
0.0100	6979.5	9931.6	11546.9	6609.2	17902.4

10323870 WILLOW CREEK ABOVE WILLOW CREEK RESERVOIR, NEAR TUSCARORA, NV

LOCATION.--Lat 41°13', long 116°28', in SW¼NE¼ sec.36, T.39 N., R.48 E., Elko County, Hydrologic Unit 16040106, 0.1 mi (0.2 km) west of junction of Willow Creek road and State Highway 18, 4 mi (6 km) upstream from dam, and 14.5 mi (23.3 km) southwest of Tuscarora.

DRAINAGE AREA.--81 mi^2 (210 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	160.0	1971	320.0	1973	160.0	1975	560.0
1969	785.0	1972	820.0	1974	320.0	1976	35.0
1970	310.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.4456	2.4456	
STANDARD DEVIATION	0.4259	0.4259	
SKEW COEFFICIENTS			
STATION	-1.1224	-1.1224	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	9	9	
PERIOD (YEARS)	9	9	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	8.2	22.3	8.1	3.3	53.2
0.9900	13.3	28.5	13.8	5.0	64.0
0.9500	43.4	55.6	40.8	14.8	108.0
0.9000	74.9	79.4	64.3	26.1	144.9
0.8000	134.7	122.2	109.5	50.4	211.8
0.5000	333.9	279.0	279.0	154.7	503.3
0.2000	640.4	636.9	711.2	367.7	1544.0
0.1000	822.7	980.6	1210.5	537.4	2984.3
0.0400	1013.0	1553.4	2247.9	783.1	6197.9
0.0200	1126.1	2091.0	3520.7	989.4	10032.0
0.0100	1217.9	2731.9	5625.1	1215.8	15536.1

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°49'30", long 116°34'45", in SW¼SE¼ sec.17, T.34 N., R.48 E., Eureka County, Hydrologic Unit 16040106, on left bank at mouth of canyon, 22 mi (35 km) northeast of Battle Mountain.

DRAINAGE AREA.--875 mi^2 (2,266 km^2), approximately.

REMARKS.--Several diversions for irrigation of 4,380 acres (17.7 km^2), Humboldt Decree, in valleys upstream. Station is above all diversions in Boulder Flat and below all tributaries. Flow slightly affected by small reservoir in Squaw Valley, 30 mi (48 km) upstream, and by Willow Creek Reservoir, usable capacity, 18,000 acre-ft (22.2 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																															
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																					
1919	101												4	49	51	11	13	2	15	8	17	28	17	6	10	17	10	6							
1920	76												93	26	8	13	15	10	9	26	24	13	8	15	22	8									
1921	30							14	5		34		20	41	21	27	16	7	9	3	7	11	16	11	49	16	8	13	5	2					
1922	61										26		62	46	14	27	23	4	2	2	3	10	14	17	15	5	16	3	9	6					
1923	43												37	86		31	16	8	31	44	14	19	12	19	3	1	1								
1946													5	33	10	77	47	11	4	30	38	15	18	16	40	21									
1947	98							1		1	1	1	33	3	16	41	54	39	19	26	17	7	4	1	3										
1948	87							4		5	24	21	38	26	33	11	14	19	13	11	23	20	8	9											
1949	87							4		40	45	20	37	13	3	7	4	6	12	21	7	16	7	19	11	6									
1950	44							8	3	25	17	53	39	8	1	9	5	5	13	17	22	10	19	40	23	3	1								
1951	50							12	10	16	11	20	22	4	12	10	14	20	17	14	13	25	21	11	48	5	3	5	1	1					
1952	1											86	58	32	42	18	8	6	5	4	15	13	8	11	6	6	4	6	7	14	11	3	2		
1953	67							6	5	7	5	4	33	16	19	23	28	44	34	20	33	14	2	5											
1954	98							3	1	26	16	68	51	6	2	15	17	19	28	14	1														
1955	114							1	1	4	10	51	62	17	12	15	12	8	11	27	16	3		1											
1956	82							11	9	16	11	12	21	9	1	4	4	13	42	8	10	16	42	23	15	3	6	8							
1957	30							13	13	20	10	30	26	50	21	7	6	8	4	3	4	24	27	15	18	13	13	6	4						
1958	8							9	12	15	10	13	16	28	45	38	8	7	11	15	18	20	12	17	14	33	6	10							
1959	57							3	5	6	15	12	13	9	44	42	92	62	5																
1960	80							2	7	3	7	51	43	22	25	7	25	5	15	13	15	13	14	6	9	4									
1961	124							2	5	28	33	27	39	9	36	21	5	3	7	11	7	2	6								1	1	1		
1962	40							16	24	29	36	19	20	18	7	6	5	14	12	5	6	5	14	24	12	14	28	7	1						
1963	74							1	1	11	17	22	31	33	51	20	16	10	6	4	7	25	18	2	3	6	5	1	1						
1964	64							3	3	7	4	1	23	100	29	8	6	21	2	6	3	4	17	30	19	14	2								
1965										2	2	3	20	18	43	25	26	24	11	14	23	17	47	24	23	23	19	1							
1966	45								10	10	1	3	1	8	42	81	87	31	5	5	6	6	10	11	2	1								
1967	28							5	21	17	13	18	14	26	37	9	17	8	11	33	34	21	11	31	11										
1968	42							12	19	17	32	28	56	36	46	8	14	23	8	5	7	4	8	1											
1969										19	32	28	39	27	14	5	5	9	8	4	45	33	13	12	10	16	10	6	12	4	5	9			
1970											12	51	52	5	9	12	13	16	25	31	37	37	21	15	21	5		2	1						
1971											11	20	45	44	12	18	15	25	15	8	8	32	27	30	38	14	3								
1972	7		1	2	6	4		9	8	11	3	9	29	17	11	22	34	38	23	21	17	14	17	28	19	11	4	1							
1973					2	4		7	5	6	13	25	16	5	21	23	39	29	12	26	20	35	16	20	28	13									
1974	9				2	9		23	7	28	4	14	11	6	21	27	38	6	6	30	22	12	27	18	21	19	4	1							
1975										6	32	48	19	13	22	31	15	11	3	9	26	3	12	26	16	25	16	17	6	9					
1976	8	3	1			2	1	6	5	17	8	9	11	29	12	29	70	41	18	15	17	51	9	3	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1655	13149	100.0
1	0.01	3	11494	87.4
2	0.02	2	11491	87.4
3	0.03	2	11489	87.4
4	0.04	10	11487	87.4
5	0.06	19	11477	87.3
6	0.09	1	11458	87.1
7	0.10	175	11457	87.1
8	0.20	179	11282	85.8
9	0.30	392	11103	84.4
10	0.50	495	10711	81.5
11	0.70	767	10216	77.7
12	1.0	1139	9449	71.9
13	1.5	918	8310	63.2
14	2.1	793	7392	56.2
15	3.2	778	6599	50.2
16	4.6	826	5821	44.3
17	6.8	612	4995	38.0
18	10.0	471	4383	33.3
19	15.0	533	3912	29.8
20	22.0	582	3379	25.7
21	32.0	578	2797	21.3
22	47.0	522	2219	16.9
23	68.0	517	1697	12.9
24	100	510	1180	8.9
25	150	302	670	5.0
26	220	159	368	2.7
27	320	93	209	1.5
28	470	47	116	.8
29	690	36	69	.5
30	1000	16	33	.2
31	1500	13	17	.1
32	2200	3	4	
33	3200	1	1	
34				

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1920	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.23 8	0.93 13
1921	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.00 2	0.16 14	0.49 19	1.20 20
1922	0.00 3	0.00 3	0.00 3	0.00 3	0.03 22	0.22 24	1.10 31	1.90 31	2.00 22
1923	0.00 4	0.00 4	0.00 4	0.00 4	0.00 3	0.00 3	0.18 15	0.46 18	0.94 14
1947	1.00 33	1.00 33	1.00 33	1.00 33	1.00 33	3.00 34	4.30 34	4.60 34	7.80 34
1948	0.00 5	0.00 5	0.00 5	0.00 5	0.00 4	0.00 4	0.00 2	0.10 5	0.56 8
1949	0.00 6	0.00 6	0.00 6	0.00 6	0.00 5	0.00 5	0.01 6	0.16 6	0.37 4
1950	0.00 7	0.00 7	0.00 7	0.00 7	0.00 6	0.00 6	0.01 7	0.17 7	0.44 6
1951	0.00 8	0.00 8	0.00 8	0.00 8	0.01 21	0.08 19	0.19 16	0.37 13	3.20 28
1952	0.00 9	0.00 9	0.00 9	0.00 9	0.00 7	0.03 15	0.13 12	0.30 11	1.10 19
1953	0.70 32	0.70 32	0.70 32	0.71 31	0.73 30	0.89 30	0.99 28	1.30 26	2.30 23
1954	0.00 10	0.00 10	0.00 10	0.00 10	0.00 8	0.00 7	0.07 10	0.26 9	0.52 7
1955	0.00 11	0.00 11	0.00 11	0.00 11	0.00 9	0.00 8	0.00 3	0.01 3	0.26 3
1956	0.00 12	0.00 12	0.00 12	0.00 12	0.00 10	0.00 9	0.00 4	0.00 1	0.25 2
1957	0.00 13	0.00 13	0.00 13	0.00 13	0.00 11	0.01 12	0.09 11	0.28 10	0.79 10
1958	0.00 14	0.00 14	0.00 14	0.00 14	0.00 12	0.09 20	0.23 18	0.63 22	1.50 21
1959	0.00 15	0.00 15	0.00 15	0.05 26	0.16 26	0.44 26	0.87 25	1.30 27	2.50 24
1960	0.00 16	0.00 16	0.00 16	0.00 15	0.00 13	0.03 16	0.24 20	0.39 15	0.58 9
1961	0.00 17	0.00 17	0.00 17	0.00 16	0.00 14	0.02 13	0.01 8	0.09 4	0.40 5
1962	0.00 18	0.00 18	0.00 18	0.00 17	0.00 15	0.00 10	0.00 5	0.00 2	0.15 1
1963	0.00 19	0.00 19	0.00 19	0.00 18	0.00 16	0.08 17	0.23 19	0.45 17	0.90 12
1964	0.00 20	0.00 20	0.00 20	0.00 19	0.00 17	0.00 11	0.03 9	0.37 14	0.98 16
1965	0.00 21	0.00 21	0.00 21	0.00 20	0.00 18	0.03 14	0.28 22	0.96 24	3.60 31
1966	1.10 34	1.20 34	1.20 34	1.50 34	2.30 34	2.80 33	3.10 33	3.30 33	3.70 32
1967	0.00 22	0.00 22	0.00 22	0.00 21	0.00 19	0.08 18	0.21 17	0.55 20	1.10 17
1968	0.00 23	0.00 23	0.00 23	0.00 22	0.01 20	0.12 22	0.25 21	0.56 21	0.95 15
1969	0.00 24	0.00 24	0.00 24	0.00 23	0.04 23	0.09 21	0.15 13	0.34 12	0.89 11
1970	0.35 28	0.38 28	0.40 28	0.44 28	0.52 28	0.65 28	0.88 26	0.91 23	3.00 27
1971	0.51 30	0.54 31	0.61 31	0.73 32	0.76 31	0.86 29	1.10 29	1.30 28	2.90 26
1972	0.51 31	0.53 30	0.60 30	0.64 30	0.85 32	1.00 31	1.10 30	1.70 29	3.30 29
1973	0.00 25	0.00 25	0.00 25	0.02 24	0.08 24	0.29 25	0.96 27	1.90 30	3.40 30
1974	0.04 27	0.05 27	0.08 27	0.12 27	0.33 27	0.58 27	0.77 24	1.10 25	2.60 25
1975	0.00 26	0.00 26	0.00 26	0.03 25	0.08 25	0.16 23	0.30 23	0.44 16	1.10 18
1976	0.42 29	0.46 29	0.50 29	0.53 29	0.66 29	1.10 32	2.00 32	2.90 32	4.10 33

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1919	377.0 13	351.0 12	331.0 10	299.0 10	240.0 9	167.0 9	125.0 11	100.0 11	68.0 13
1920	181.0 24	173.0 22	155.0 23	140.0 21	128.0 19	97.0 20	74.0 20	60.0 21	41.0 21
1921	846.0 6	701.0 6	564.0 6	472.0 6	343.0 6	263.0 6	213.0 6	185.0 5	128.0 5
1922	846.0 7	796.0 5	749.0 5	618.0 5	468.0 4	301.0 4	224.0 5	171.0 6	112.0 6
1923	240.0 18	168.0 24	119.0 25	99.0 26	87.0 25	59.0 26	48.0 25	40.0 25	29.0 25
1946	205.0 21	193.0 20	190.0 17	173.0 15	158.0 12	131.0 13	108.0 12	95.0 13	68.0 14
1947	111.0 28	103.0 28	84.0 29	56.0 29	37.0 31	21.0 31	20.0 31	18.0 31	13.0 31
1948	97.0 30	90.0 29	88.0 28	70.0 28	51.0 28	39.0 29	30.0 28	26.0 28	18.0 28
1949	187.0 23	172.0 23	162.0 22	136.0 22	102.0 23	71.0 24	60.0 21	47.0 23	31.0 24
1950	228.0 19	208.0 17	164.0 21	133.0 23	118.0 20	99.0 19	87.0 19	73.0 19	51.0 19
1951	868.0 5	599.0 8	437.0 8	317.0 9	187.0 11	148.0 11	135.0 9	112.0 10	79.0 10
1952	2540.0 2	2110.0 2	1640.0 2	1530.0 1	1210.0 1	757.0 1	522.0 1	398.0 1	262.0 1
1953	69.0 33	68.0 31	64.0 31	48.0 30	39.0 30	29.0 30	25.0 30	21.0 30	17.0 29
1954	24.0 35	19.0 35	17.0 35	16.0 35	14.0 35	12.0 35	9.9 34	7.9 35	5.5 36
1955	83.0 31	53.0 34	33.0 34	24.0 34	22.0 33	18.0 32	15.0 32	12.0 32	8.2 32
1956	450.0 11	400.0 11	320.0 11	232.0 11	156.0 13	106.0 17	91.0 18	83.0 15	69.0 12
1957	671.0 8	634.0 7	525.0 7	414.0 7	287.0 7	212.0 7	160.0 7	139.0 7	94.0 8
1958	425.0 12	410.0 10	390.0 9	334.0 8	261.0 8	206.0 8	159.0 8	134.0 8	92.0 9
1959	13.0 36	12.0 36	11.0 36	9.7 36	8.2 36	7.6 36	7.2 36	6.8 36	6.2 34
1960	163.0 25	160.0 25	150.0 24	115.0 24	86.0 26	63.0 25	47.0 26	37.0 26	25.0 26
1961	62.0 34	55.0 33	51.0 32	38.0 32	27.0 32	16.0 33	12.0 33	9.0 34	6.2 35
1962	3510.0 1	2740.0 1	1370.0 3	678.0 3	345.0 5	265.0 5	240.0 4	213.0 4	144.0 4
1963	598.0 10	347.0 13	239.0 13	191.0 13	117.0 21	81.0 21	56.0 24	42.0 24	36.0 23
1964	250.0 17	200.0 19	184.0 18	171.0 17	144.0 17	111.0 16	95.0 16	74.0 18	49.0 20
1965	340.0 15	286.0 15	237.0 14	216.0 12	202.0 10	160.0 10	130.0 10	121.0 9	98.0 7
1966	150.0 26	126.0 26	94.0 27	71.0 27	69.0 27	42.0 27	30.0 29	24.0 29	17.0 30
1967	122.0 27	116.0 27	107.0 26	100.0 25	96.0 24	73.0 23	58.0 23	52.0 22	38.0 22
1968	82.0 32	63.0 32	49.0 33	34.0 33	21.0 34	12.0 34	8.2 35	9.6 33	7.9 33
1969	2020.0 3	1870.0 3	1840.0 1	1510.0 2	1060.0 2	638.0 2	447.0 2	354.0 2	247.0 2
1970	609.0 9	484.0 9	281.0 12	172.0 16	117.0 22	77.0 22	59.0 22	60.0 20	57.0 18
1971	227.0 20	208.0 18	175.0 19	169.0 19	147.0 15	134.0 12	108.0 13	98.0 12	75.0 11
1972	320.0 16	274.0 16	206.0 15	174.0 14	145.0 16	118.0 15	96.0 15	77.0 17	58.0 16
1973	194.0 22	178.0 21	165.0 20	149.0 20	139.0 18	105.0 18	92.0 17	78.0 16	58.0 17
1974	365.0 14	296.0 14	197.0 16	170.0 18	155.0 14	130.0 14	104.0 14	91.0 14	66.0 15
1975	994.0 4	935.0 4	881.0 4	675.0 4	541.0 3	370.0 3	284.0 3	252.0 3	177.0 3
1976	109.0 29	82.0 30	68.0 30	48.0 31	43.0 29	40.0 28	37.0 27	31.0 27	23.0 27

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
	2.65	5.99	15.9	45.2	70.2	144	78.9	28.3	3.65	0.64	0.99
1.60	2.62	96.3	638	4984	4747	55000	9729	739	28.4	4.17	7.80
2.81	1.62	9.81	25.3	70.6	68.9	235	98.6	27.2	5.33	2.04	2.79
1.68	0.71	3.22	1.87	3.21	1.83	3.50	2.45	1.37	1.97	4.94	5.54
2.68	0.61	1.64	1.59	1.56	0.98	1.63	1.25	0.96	1.46	3.21	2.83
1.05	0.67	1.51	3.99	11.4	17.6	36.2	19.8	7.12	0.92	0.16	0.25
0.40											

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
33.9	975	31.2	1.72	0.92	-0.113

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.04	0.34	0.49	0.69	1.26	1.61	1.79	1.52	1.12	0.17	-0.37	-0.25
0.15	0.08	0.20	0.47	0.40	0.26	0.38	0.50	0.51	0.46	0.54	0.32
0.38	0.28	0.45	0.68	0.63	0.51	0.62	0.71	0.72	0.68	0.74	0.56
-0.20	0.00	0.82	0.44	-0.14	-0.48	-0.47	-0.83	-1.17	-0.39	-1.11	-0.33
9.39	0.81	0.91	1.00	0.50	0.32	0.34	0.47	0.64	3.99	-1.99	-2.23
0.48	4.06	5.86	8.16	15.0	19.2	21.3	18.1	13.3	2.03	-4.40	-3.00

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.35	0.19	0.44	-0.39	0.33	0.059

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)
1896	1130.0
1918	350.0
1919	700.0
1920	212.0
1921	2750.0
1922	851.0
1923	292.0
1946	230.0
1947	213.0
1948	134.0
1949	194.0
1950	363.0
1951	1200.0
1952	3000.0
1953	73.0
1954	38.0
1955	141.0
1956	500.0
1957	785.0
1958	445.0
1959	24.0
1960	253.0
1961	68.0
1962	4800.0
1963	1070.0
1964	300.0
1965	368.0
1966	220.0
1967	154.0
1968	95.0
1969	2150.0
1970	858.0
1971	434.0
1972	1070.0
1973	372.0
1974	750.0
1975	1970.0
1976	130.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5874	2.5874
STANDARD DEVIATION	0.5262	0.5262
SKEW COEFFICIENTS		
STATION	-0.0637	-0.0637
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0110 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	38	38
PERIOD (YEARS)	38	38

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

10324500 ROCK CREEK NEAR BATTLE MOUNTAIN, NV--CONTINUED

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	15.9	16.9	13.1	7.4	30.2
0.9900	21.8	22.9	18.9	10.7	39.4
0.9500	51.6	52.5	48.4	29.1	81.5
0.9000	81.2	81.7	76.9	49.1	121.0
0.8000	140.1	139.6	135.4	91.2	197.7
0.5000	391.8	387.6	387.6	278.9	538.9
0.2000	1076.1	1072.9	1106.3	757.7	1641.8
0.1000	1811.7	1824.6	1938.7	1232.9	3037.6
0.0400	3140.6	3211.0	3547.1	2040.3	5934.0
0.0200	4467.4	4623.7	5357.9	2809.3	9186.9
0.0100	6121.5	6416.2	7737.2	3735.7	13638.5

10325000 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°40'00", long 116°55'50", in NE¼NW¼ sec.8, T.32 N., R.45 E., Lander County, Hydrologic Unit 16040105, 30 ft (9 m) downstream from bridge on State Highway 18A, on left bank 2 mi (3 km) north of Battle Mountain. Reese River enters Humboldt River several miles below station.

DRAINAGE AREA.--8,870 mi^2 (22,970 km^2), approximately.

REMARKS.--Many diversions above station for irrigation of 194,000 acres (785 km^2), Humboldt Decree.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1897												28	3	2	4	6	34	9	2	4	33	52	46	35	3	4	8	1		30	61				
1922															6	25	16	26	18	15	88	33	18	3	8	1	3	6	67	32					
1923																10	17	43	35	14	41	30	59	3	14	53	20	26							
1946															7	20	14	2	5	27	15	22	56	45	14	14	7	44	73						
1947		35	3	3		2	1	2	1	2	1	2	1	2	2	5	2	4	6	5	50	48	36	55	52	37	8								
1948	23	16	16	1	2	2	3	2	2	1	1	1	5	2	6	9	12	10	12	14	55	44	42	23	32	8	17	5							
1949	28	23	6	11	5	1	1	3	2	4	4	7	6	3	3	7	18	52	31	9	10	10	12	6	6	13	28	41	15						
1950		14	4						4	9	5	3	13	4	5	19	16	39	46	4	7	10	11	14	26	30	52	24	6						
1951								9	3	3	2	5	2	7	16	12	12	17	17	9	12	11	27	28	22	16	36	78	21						
1952							5	2	8	1			5	7	2	4	21	18	28	33	33	16	46	18	5	9	6	14	14	23	12	14	18	4	
1953					2	10	5	2	3	2	2	11	7	9	5	5	5	11	15	27	37	36	42	81	6	14	17	11								
1954		26	27	13	8	7	5	3	3	3	1	1	1	3	2	18	15	26	14	58	48	16	38	25	4										
1955		52	40	9	2	3	5	6	6	3	7	10	15	22	23	8	12	11	7	5	27	59	16	6	11										
1956		43	9	3	9	7	3	2	4	4	4	4	2	3	3	13	15	5	10	4	7	17	19	30	7	32	19	52	30	6					
1957		2	3	2	1	5			4	13	6	5	3	11	10	5	5	32	23	54	11	5	4	16	26	48	17	14	32	8					
1958										10	11	11	7	2	4	7	14	19	11	16	63	24	15	9	11	22	32	46	31						
1959	7	43	1	4	1	2	2	3	3	2	6	8	7	5	7	21	13	18	28	59	52	58	15												
1960		36	10	21	8	10	3	8	7	7	3	7	8	4	23	40	13	5	14	19	6	7	31	47	29										
1961		8	25	18	11	7	18	13	3	5	4	6	8	5	31	34	12	8	8	25	26	32	24	14	18	2									
1962			25	6	5	16		1		17	8	5	9	16	18	32	20	3	3	4	4	3	5	4	23	18	20	34	47	14	1	3	1		
1963											11	25	26	13	11	19	38	29	10	1	3	45	46	7	14	19	9	9	9	19	2				
1964											10	1	11	9	14	19	15	21	20	62	44	9	5	6	10	8	12	39	33	18					
1965															4	25	9	13	3	2	24	24	23	15	35	58	46	43	34	7					
1966							8	20	12	10	5	11	4	4	5	2	17	3	5	6	23	62	94	19	10	23	17	5							
1967									7	9	12	11	6	2	17	17	15	39	20	17	18	13	24	8	27	48	13	18	19	5					
1968													4	27	11	33	17	17	44	38	31	24	33	45	15	6	13	8							
1969									2	5	6	12	5	3	14	10	13	10	12	21	35	18	15	51	19	8	23	17	28	25	13				
1970									1	2	8		1	1	3	2	1	13	32	31	49	11	20	41	33	42	16	22	16	17	3				
1971																			6	42	29	27	30	31	8	19	48	45	16	6	6	52			
1972														5	30	18	10	3	5	8	29	31	46	16	53	20	33	24	30	5					
1973															24	14	14	16	11	21	32	37	15	11	26	20	19	44	45	16					
1974											8	17	13	8	15	10	14	4	4	5	14	50	29	23	25	28	44	34	20						
1975											2	5	5	4	10	3	9	13	42	26	32	16	10	11	11	11	32	21	31	18	30	23			
1976														10	11	19	14	12	14	13	11	14	44	67	55	71	11								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	58	12418	100.0	12	5.4	177	11031	88.8	24	290	658	3820	30.7
1	0.10	298	12360	99.5	13	7.5	193	10854	87.4	25	400	702	3162	25.4
2	0.20	169	12062	97.1	14	10.0	346	10661	85.9	26	560	626	2460	19.8
3	0.30	91	11893	95.8	15	14.0	491	10315	83.1	27	780	725	1834	14.7
4	0.40	54	11802	95.0	16	20.0	472	9824	79.1	28	1100	617	1109	8.9
5	0.50	72	11748	94.6	17	28.0	551	9352	75.3	29	1500	249	492	3.9
6	0.70	59	11676	94.0	18	39.0	561	8801	70.9	30	2100	128	243	1.9
7	1.00	76	11617	93.5	19	55.0	698	8240	66.4	31	2900	92	115	.9
8	1.40	75	11541	92.9	20	76.0	999	7542	60.7	32	4100	19	23	.1
9	2.00	112	11466	92.3	21	110.0	914	6543	52.7	33	5700	4	4	
10	2.80	127	11354	91.4	22	150.0	996	5629	45.3	34				
11	3.80	196	11227	90.4	23	210.0	813	4633	37.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1922	10.00 26	11.00 26	12.00 27	14.00 26	17.00 27	19.00 26	30.00 26	46.00 27	64.00 21
1923	17.00 28	17.00 28	17.00 28	17.00 28	19.00 28	25.00 27	32.00 27	43.00 25	74.00 23
1924	20.00 29	20.00 29	20.00 29	24.00 29	30.00 29	37.00 29	53.00 29	77.00 29	82.00 26
1947	10.00 27	11.00 27	11.00 25	14.00 27	15.00 26	29.00 28	50.00 28	69.00 28	107.00 29
1948	0.10 6	0.10 5	0.10 7	0.10 7	0.10 5	0.13 5	2.20 8	8.40 9	34.00 12
1949	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.03 1	0.66 6	4.30 7	15.00 6
1950	0.00 2	0.00 2	0.01 3	0.06 3	0.09 3	0.16 6	2.70 9	7.60 8	18.00 9
1951	1.60 13	1.70 13	2.00 13	2.30 14	4.00 17	7.70 18	15.00 19	29.00 20	102.00 28
1952	0.90 12	0.90 12	0.97 12	1.30 12	1.40 12	6.40 14	14.00 16	24.00 18	40.00 15
1953	4.20 20	4.50 20	4.70 20	5.60 20	7.50 20	16.00 24	28.00 25	39.00 24	75.00 24
1954	0.20 10	0.20 10	0.21 10	0.24 10	0.35 10	2.00 11	9.80 13	19.00 13	38.00 14
1955	0.10 7	0.10 6	0.10 4	0.10 4	0.12 7	0.12 4	0.14 1	0.18 1	1.60 1
1956	0.10 8	0.10 7	0.10 5	0.10 5	0.10 4	0.10 3	0.15 3	0.78 3	15.00 7
1957	0.10 9	0.13 8	0.19 8	0.19 8	0.31 9	1.50 10	7.50 11	15.00 12	31.00 11
1958	2.30 17	2.30 16	2.40 16	2.60 16	3.70 16	9.30 19	19.00 20	34.00 22	58.00 19
1959	2.20 16	2.30 17	2.40 17	2.60 17	3.20 15	7.00 16	13.00 14	22.00 14	42.00 16
1960	0.00 3	0.00 3	0.00 2	0.05 2	0.08 2	0.09 2	0.14 2	0.43 2	4.80 3
1961	0.10 4	0.10 4	0.10 6	0.10 6	0.11 6	0.20 7	0.33 4	0.85 5	4.60 2
1962	0.10 5	0.17 9	0.20 9	0.20 9	0.20 8	0.23 8	0.37 5	0.80 4	5.10 4
1963	2.00 15	2.00 15	2.10 14	2.20 13	3.00 13	3.80 12	5.70 10	10.00 10	18.00 8
1964	3.10 18	3.20 18	3.40 18	3.50 18	4.50 19	7.70 17	13.00 15	23.00 15	37.00 13
1965	5.80 21	5.90 21	6.20 21	6.80 21	8.70 21	12.00 20	15.00 17	24.00 16	95.00 27
1966	99.00 33	99.00 33	100.00 33	102.00 33	103.00 33	116.00 33	133.00 33	138.00 33	145.00 31
1967	0.90 11	0.90 11	0.90 11	0.98 11	1.10 11	1.50 9	2.10 7	3.10 6	10.00 5
1968	9.50 24	9.70 24	11.00 26	12.00 25	14.00 25	17.00 25	23.00 23	28.00 19	42.00 17
1969	6.10 22	6.40 22	7.10 22	8.20 22	9.70 22	12.00 21	15.00 18	24.00 17	50.00 18
1970	1.90 14	1.90 14	2.10 15	2.40 15	3.10 14	6.60 15	19.00 21	35.00 23	64.00 22
1971	34.00 31	34.00 31	35.00 30	37.00 30	40.00 30	49.00 30	63.00 30	89.00 30	143.00 30
1972	55.00 32	57.00 32	58.00 32	59.00 32	65.00 32	76.00 32	92.00 31	113.00 31	164.00 32
1973	8.00 23	8.80 23	9.80 23	9.90 23	11.00 23	14.00 22	20.00 22	33.00 21	63.00 20
1974	10.00 25	10.00 25	10.00 24	11.00 24	11.00 24	14.00 23	24.00 24	46.00 26	82.00 25
1975	3.40 19	3.50 19	3.50 19	3.70 19	4.20 18	5.60 13	8.30 12	14.00 11	30.00 10
1976	27.00 30	29.00 30	35.00 31	41.00 31	49.00 31	72.00 31	104.00 32	131.00 32	171.00 33

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1897	2880.0 5	2880.0 5	2880.0 4	2880.0 4	2880.0 4	2590.0 4	2420.0 3	1940.0 4	1340.0 4
1922	1560.0 14	1560.0 12	1550.0 12	1540.0 11	1530.0 9	1490.0 6	1420.0 6	1250.0 5	868.0 9
1923	1070.0 23	1070.0 23	1060.0 23	1020.0 23	918.0 23	642.0 23	510.0 23	506.0 23	416.0 23
1946	1490.0 17	1490.0 17	1480.0 17	1470.0 14	1440.0 12	1330.0 8	1240.0 7	1150.0 7	869.0 8
1947	661.0 29	644.0 29	612.0 29	557.0 29	478.0 29	394.0 29	339.0 28	346.0 26	301.0 26
1948	843.0 27	825.0 27	804.0 27	764.0 26	652.0 26	423.0 27	378.0 27	341.0 28	272.0 28
1949	1160.0 21	1160.0 21	1150.0 21	1140.0 21	1030.0 20	925.0 21	839.0 20	704.0 21	484.0 22
1950	1140.0 22	1140.0 22	1120.0 22	1060.0 22	952.0 22	782.0 22	758.0 22	682.0 22	525.0 20
1951	1370.0 19	1360.0 19	1330.0 19	1210.0 19	981.0 21	968.0 20	920.0 15	902.0 14	740.0 11
1952	5800.0 1	5770.0 1	5610.0 1	5240.0 1	4600.0 1	3530.0 1	2830.0 1	2280.0 1	1560.0 2
1953	880.0 25	872.0 25	855.0 25	814.0 24	722.0 24	530.0 24	399.0 26	349.0 25	312.0 25
1954	300.0 33	297.0 33	292.0 33	280.0 33	256.0 32	225.0 31	192.0 32	169.0 32	135.0 31
1955	397.0 31	384.0 32	362.0 32	319.0 32	246.0 33	175.0 33	159.0 33	149.0 33	106.0 33
1956	1550.0 15	1540.0 15	1520.0 14	1450.0 15	1330.0 16	1110.0 16	1040.0 12	955.0 12	733.0 12
1957	1570.0 12	1560.0 13	1550.0 13	1490.0 12	1370.0 13	1170.0 14	913.0 16	789.0 17	628.0 17
1958	1430.0 18	1430.0 18	1410.0 18	1350.0 18	1200.0 18	1130.0 15	1020.0 13	902.0 13	688.0 14
1959	155.0 34	154.0 34	153.0 34	152.0 34	148.0 34	135.0 34	127.0 34	117.0 34	97.0 34
1960	394.0 32	389.0 31	385.0 30	359.0 30	300.0 31	242.0 30	254.0 30	233.0 30	166.0 30
1961	433.0 30	408.0 30	378.0 31	356.0 31	304.0 30	210.0 32	201.0 31	174.0 31	128.0 32
1962	4110.0 2	3560.0 4	2840.0 5	1790.0 7	1450.0 11	1250.0 10	1160.0 10	1040.0 9	899.0 6
1963	2140.0 8	2110.0 8	2020.0 8	1920.0 6	1690.0 6	1180.0 12	897.0 17	713.0 20	516.0 21
1964	1660.0 10	1650.0 10	1610.0 10	1580.0 10	1490.0 10	1190.0 11	1170.0 9	1020.0 10	705.0 13
1965	1610.0 11	1600.0 11	1560.0 11	1470.0 13	1370.0 14	1170.0 13	1100.0 11	973.0 11	824.0 10
1966	859.0 26	850.0 26	809.0 26	710.0 27	630.0 27	502.0 25	408.0 25	343.0 27	279.0 27
1967	1540.0 16	1530.0 16	1510.0 15	1450.0 16	1290.0 17	1020.0 18	816.0 21	717.0 19	538.0 19
1968	918.0 24	912.0 24	863.0 24	794.0 25	659.0 25	420.0 28	330.0 29	309.0 29	258.0 29
1969	2800.0 6	2770.0 6	2630.0 6	2370.0 5	2060.0 5	1740.0 5	1450.0 5	1240.0 6	905.0 5
1970	2410.0 7	2220.0 7	2040.0 7	1750.0 9	1640.0 7	1270.0 9	965.0 14	779.0 18	672.0 15
1971	3890.0 4	3790.0 3	3720.0 3	3570.0 2	3380.0 2	3160.0 2	2530.0 2	2120.0 2	1610.0 1
1972	1560.0 13	1540.0 14	1510.0 16	1450.0 17	1340.0 15	1060.0 17	863.0 19	811.0 15	670.0 16
1973	1980.0 9	1970.0 9	1910.0 9	1770.0 8	1550.0 8	1360.0 7	1230.0 8	1130.0 8	869.0 7
1974	1360.0 20	1340.0 20	1290.0 20	1190.0 20	1170.0 19	989.0 19	886.0 18	797.0 16	627.0 18
1975	3950.0 3	3900.0 2	3810.0 2	3510.0 3	3010.0 3	2740.0 3	2310.0 4	1960.0 3	1510.0 3
1976	766.0 28	752.0 28	681.0 28	595.0 28	540.0 28	472.0 26	461.0 24	456.0 24	386.0 24

1032500 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
27.2	68.0	105	151	281	481	796	889	1036	357	47.8	15.3
1002	2907	5204	15300	52050	101300	432500	797800	517800	111100	3746	622
31.7	53.9	72.1	124	228	318	658	893	720	333	61.2	24.9
1.42	0.67	0.82	0.81	1.68	1.25	1.63	1.67	1.16	1.31	2.21	2.82
1.16	0.79	0.69	0.82	0.81	0.66	0.83	1.01	0.69	0.93	1.28	1.64
0.64	1.60	2.46	3.56	6.61	11.3	18.7	20.9	24.4	8.40	1.12	0.36

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
347	46620	216	0.84	0.62	0.119

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.94	1.59	1.88	2.00	2.31	2.59	2.75	2.73	2.86	2.29	1.27	0.53
0.87	0.39	0.17	0.20	0.14	0.08	0.15	0.23	0.21	0.36	0.57	0.96
0.93	0.63	0.41	0.45	0.37	0.29	0.38	0.48	0.45	0.60	0.75	0.98
-1.15	-1.75	-1.23	-0.57	-0.48	-0.13	-0.23	-0.23	-1.51	-0.97	-0.92	-0.61
0.99	0.39	0.22	0.23	0.16	0.11	0.14	0.18	0.16	0.26	0.59	1.84
3.95	6.69	7.93	8.41	9.74	10.9	11.6	11.5	12.1	9.63	5.36	2.24

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.44	0.11	0.33	-0.73	0.13	0.311

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1896	3001.0	1950	1170.0	1959	155.0	1968	928.0
1897	3130.0	1951	1370.0	1960	396.0	1969	3560.0
1921	1560.0	1952	5800.0	1961	643.0	1970	2450.0
1922	1560.0	1953	896.0	1962	4600.0	1971	4020.0
1923	1070.0	1954	304.0	1963	4500.0	1972	1590.0
1946	1500.0	1955	403.0	1964	1680.0	1973	1990.0
1947	675.0	1956	1560.0	1965	1630.0	1974	1360.0
1948	909.0	1957	1580.0	1966	861.0	1975	4020.0
1949	1180.0	1958	1400.0	1967	1560.0	1976	784.0

10325000 HUMBOLDT RIVER AT BATTLE MOUNTAIN, NV--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1415	3.1415
STANDARD DEVIATION	0.3476	0.3476
SKEW COEFFICIENTS		
STATION	-0.4945	-0.4945
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0725 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	36	36
PERIOD (YEARS)	36	36

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	122.0	166.9	139.0	94.2	249.6
0.9900	161.9	206.3	179.6	121.9	299.4
0.9500	335.2	365.4	344.5	243.4	492.7
0.9000	480.6	493.7	472.4	348.2	644.2
0.8000	725.1	708.4	693.0	530.4	896.5
0.5000	1479.2	1398.5	1398.5	1118.6	1749.9
0.2000	2748.9	2723.7	2781.3	2151.4	3640.9
0.1000	3668.4	3838.1	3999.0	2945.2	5429.0
0.0400	4864.1	5510.6	5890.4	4062.9	8351.9
0.0200	5757.7	6945.5	7659.1	4975.0	11038.5
0.0100	6642.1	8540.0	9660.0	5952.4	14182.3

10325500 REESE RIVER NEAR IONE, NV

LOCATION.--Lat 38°51'00", long 117°28'00", in NW¼ sec.3, T.11 N., R.40 E., Nye County, Hydrologic Unit 16040107, in Toiyabe National Forest, on right bank 2.5 mi (4.0 km) upstream from Indian Creek, 8 mi (13 km) southeast of Ione, and 58 mi (93 km) southwest of Austin.

DRAINAGE AREA.--53 mi^2 (137 km^2), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1952									15	9	50	98	1	3	26	17	10	5	8	10	13	12	7	10	7	7	9	7	20	17	5				
1953								6	25	19	2	18	20	83	61	25	13	21	36	29	7														
1954								10	53	29	54	70	30	20	14	9	4	9	10	17	33	3													
1955							17	8	21	55	46	63	26	10	17	31	24	3	13	30	1														
1956									12	29	30	50	40	45	14	9	6	9	32	16	12	15	18	7	5	12	5								
1957				4	5	2	3	10	6	9	19	39	69	47	32	11	11	20	10	6	10	13	6	6	11	12	4								
1958							1			2	4	13	19	62	77	36	13	13	22	9	8	5	7	10	4	5	10	5	11	16	13				
1959	17	28	10	4	9	2	4	12	15	2	3	21	36	165	36	1																			
1960		4	11	5	8	14	35	35	69	41	27	22	6	18	12	28	12	12	7																
1961							7	44	73	74	25	27	13	14	7	40	28	9	3		1														
1962								11	36	60	13	10	1	29	20	26	12	11	10	8	5	5	8	5	21	20	20	20	13	1					
1963		6	1		1	1		5	29	38	19	49	30	103	11	5	13	21	31	2															
1964							1	5	41	52	44	79	11	16	5	16	22	19	10	7	24	14													
1965						3	5	8	7	5	21	55	21	44	19	17	15	16	12	16	12	10	12	16	23	13	11	3	1						
1966									13	16	21	19	30	72	51	37	13	11	8	6	26	32	5	2	3										
1967								1	2	3	24	36	63	63	18	33	18	17	4	15	8	5	8	16	13	3	4	3	8						
1968									3	2	7	39	53	75	21	29	32	11	18	17	30	23	6												
1969									6	4	18	39	51	72	22	8	13	6	12	4	11	4	5	6	11	16	13	13	10	19	2				
1970						2	1		2	6	21	47	31	86	49	38	12	11	15	11	21	12													
1971									2	2	8	48	55	59	32	20	13	11	23	26	14	2	13	22	15										
1972								6	12	17	29	31	38	91	21	7	18	32	30	34														
1973								1	4	15	43	78	43	20	14	14	18	17	7	5	6	8	8	6	8	7	3	12	11	6	11				
1974									3	7	32	92	48	48	13	11	7	27	22	14	6	8	9	8	10										
1975										4	13	68	28	15	33	18	23	26	25	15	7	4	7	15	11	8	4	6	8	7	17	3			
1976										5	7	30	26	83	76	51	23	9	13	12	20	9	2												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	17	9132	100.0	12	2.6	789	6084	66.6	24	41	142	596	6.5
1	0.10	38	9115	99.8	13	3.2	1343	5295	58.0	25	52	103	454	4.9
2	0.20	22	9077	99.4	14	4.1	701	3952	43.3	26	66	83	351	3.8
3	0.30	13	9055	99.2	15	5.1	537	3251	35.6	27	83	69	268	2.9
4	0.40	23	9042	99.0	16	6.5	373	2714	29.7	28	100	82	199	2.1
5	0.50	24	9019	98.8	17	8.2	346	2341	25.6	29	130	66	117	1.2
6	0.60	74	8995	98.5	18	10.0	381	1995	21.8	30	170	48	51	.5
7	0.80	162	8921	97.7	19	13.0	309	1614	17.7	31	210	3	3	
8	1.00	449	8759	95.9	20	16.0	275	1305	14.3	32				
9	1.30	505	8310	91.0	21	21.0	184	1030	11.3	33				
10	1.60	580	7805	85.5	22	26.0	121	846	9.3	34				
11	2.00	1141	7225	79.1	23	33.0	129	725	7.9					

10325500 REESE RIVER NEAR IONE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1953	2.00 23	2.30 23	2.80 24	3.20 24	3.40 24	3.60 24	3.60 22	3.70 23	4.00 22
1954	0.80 11	0.87 10	0.93 9	1.00 8	1.20 8	1.30 7	1.50 7	1.50 7	1.60 4
1955	0.80 12	0.87 11	0.93 10	0.96 7	1.00 5	1.10 4	1.20 4	1.30 3	1.50 3
1956	0.60 7	0.60 7	0.60 5	0.61 4	0.81 3	1.00 3	1.10 3	1.30 4	2.00 8
1957	0.30 4	0.40 4	0.67 6	0.77 5	1.10 6	1.60 8	1.70 8	1.90 10	2.30 11
1958	0.70 8	1.50 18	2.00 20	2.20 20	2.50 19	2.90 19	3.10 19	3.50 21	3.50 21
1959	2.00 24	2.20 22	2.70 21	2.80 21	2.90 21	3.10 20	3.30 20	3.30 20	3.40 20
1960	0.00 1	0.00 1	0.00 1	0.05 1	0.08 1	0.11 1	0.31 1	0.49 1	0.65 1
1961	0.10 2	0.10 2	0.14 3	0.19 2	0.28 2	0.44 2	0.57 2	0.72 2	0.83 2
1962	0.70 9	0.77 8	0.89 8	1.10 9	1.30 9	1.30 5	1.40 5	1.40 5	1.70 5
1963	0.10 3	0.10 3	0.11 2	0.46 3	0.96 4	1.60 9	2.00 12	2.20 12	2.60 13
1964	0.70 10	0.87 12	1.00 11	1.10 10	1.20 7	1.30 6	1.40 6	1.50 6	1.70 6
1965	0.51 5	0.53 5	0.56 4	0.86 6	1.50 12	1.80 11	1.80 9	1.80 8	2.10 9
1966	1.70 20	2.40 24	2.80 22	3.10 22	3.30 22	3.50 22	3.60 23	3.90 24	4.50 24
1967	0.98 14	1.00 13	1.10 13	1.30 12	1.40 10	1.80 12	1.90 11	2.00 11	2.20 10
1968	1.20 18	1.20 14	1.40 14	2.00 18	2.10 16	2.40 16	2.70 18	2.80 17	3.20 17
1969	1.00 15	1.20 15	1.60 16	1.90 16	2.10 17	2.40 17	2.50 16	2.50 15	2.70 15
1970	0.51 6	0.53 6	1.00 12	1.50 13	2.10 18	2.40 18	2.70 17	3.00 18	3.30 18
1971	1.00 16	1.60 19	1.80 18	2.00 17	2.00 15	2.10 14	2.20 14	2.30 13	2.70 16
1972	1.90 21	2.00 20	2.00 19	2.20 19	2.70 20	3.10 21	3.30 21	3.20 19	3.30 19
1973	0.81 13	0.84 9	0.88 7	1.10 11	1.40 11	1.70 10	1.80 10	1.90 9	1.90 7
1974	1.00 17	1.30 16	1.60 17	1.70 14	1.80 13	2.10 15	2.20 15	2.40 14	2.60 14
1975	1.40 19	1.50 17	1.50 15	1.70 15	1.80 14	1.90 13	2.10 13	2.60 16	2.50 12
1976	2.00 22	2.10 21	2.80 23	3.20 23	3.40 23	3.60 23	3.70 24	3.70 22	4.10 23

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1952	194.0 4	189.0 4	179.0 4	161.0 4	146.0 4	120.0 3	94.0 3	75.0 1	52.0 1
1953	20.0 19	19.0 19	18.0 19	15.0 19	14.0 19	13.0 19	12.0 19	11.0 17	8.5 17
1954	22.0 18	21.0 18	20.0 18	19.0 18	18.0 18	16.0 17	13.0 17	11.0 18	8.0 20
1955	17.0 21	15.0 20	15.0 20	14.0 20	13.0 20	12.0 20	9.8 21	8.6 21	6.6 21
1956	73.0 10	70.0 10	67.0 10	62.0 10	52.0 10	39.0 9	31.0 9	26.0 9	19.0 9
1957	77.0 9	74.0 9	68.0 9	63.0 9	54.0 9	39.0 10	30.0 10	24.0 10	17.0 10
1958	205.0 2	200.0 3	196.0 3	169.0 3	157.0 2	127.0 1	95.0 1	75.0 2	51.0 3
1959	5.1 25	4.7 25	4.7 25	4.5 25	4.3 25	4.1 25	3.9 25	3.8 25	3.6 25
1960	11.0 24	11.0 23	11.0 23	9.9 23	8.7 23	7.0 23	6.1 24	5.1 24	3.9 24
1961	19.0 20	11.0 24	9.6 24	8.2 24	7.4 24	7.0 24	6.4 23	5.5 23	4.4 23
1962	133.0 6	128.0 6	121.0 6	93.0 7	92.0 6	78.0 6	76.0 6	64.0 5	45.0 5
1963	13.0 23	12.0 22	12.0 22	12.0 22	11.0 22	9.9 22	8.3 22	7.1 22	5.6 22
1964	24.0 17	24.0 17	23.0 17	22.0 17	20.0 17	16.0 18	13.0 18	11.0 19	8.3 18
1965	115.0 7	93.0 8	85.0 8	80.0 8	67.0 8	54.0 7	47.0 7	39.0 7	28.0 7
1966	43.0 13	42.0 13	37.0 13	31.0 13	26.0 13	24.0 13	20.0 13	16.0 13	12.0 13
1967	112.0 8	111.0 7	108.0 7	95.0 6	70.0 7	52.0 8	39.0 8	31.0 8	22.0 8
1968	31.0 14	28.0 14	26.0 14	25.0 14	23.0 14	20.0 14	18.0 14	15.0 14	12.0 14
1969	173.0 5	170.0 5	166.0 5	158.0 5	138.0 5	111.0 4	90.0 4	72.0 4	49.0 4
1970	25.0 16	25.0 16	24.0 16	23.0 15	20.0 15	16.0 15	13.0 15	11.0 15	8.9 15
1971	46.0 12	45.0 12	44.0 12	41.0 11	39.0 11	35.0 11	28.0 11	24.0 11	17.0 11
1972	15.0 22	15.0 21	14.0 21	14.0 21	13.0 21	12.0 21	11.0 20	10.0 20	8.0 19
1973	205.0 3	204.0 2	200.0 2	181.0 1	146.0 3	105.0 5	79.0 5	62.0 6	42.0 6
1974	50.0 11	50.0 11	47.0 11	40.0 12	36.0 12	26.0 12	21.0 12	17.0 12	13.0 12
1975	230.0 1	212.0 1	206.0 1	180.0 2	174.0 1	124.0 2	94.0 2	74.0 3	52.0 2
1976	26.0 15	26.0 15	25.0 15	23.0 16	20.0 16	16.0 16	13.0 16	11.0 16	8.5 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.70	2.56	2.50	2.51	3.25	5.75	23.3	48.2	29.9	8.81	3.86	2.69
1.49	0.96	0.81	0.76	2.47	7.41	675	2505	731	52.1	8.13	2.68
1.22	0.98	0.90	0.87	1.57	2.72	26.0	50.0	27.0	7.22	2.85	1.64
0.46	0.24	0.25	-0.24	2.21	0.49	1.59	1.25	1.38	1.07	1.04	0.87
0.45	0.38	0.36	0.35	0.48	0.47	1.12	1.04	0.90	0.82	0.74	0.61
1.99	1.88	1.84	1.85	2.39	4.23	17.1	35.4	22.0	6.48	2.84	1.98

10325500 REESE RIVER NEAR IONE, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
11.4	77.7	8.81	0.95	0.78	-0.338

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.39	0.37	0.37	0.37	0.47	0.71	1.16	1.46	1.29	0.77	0.43	0.34
0.04	0.03	0.03	0.03	0.03	0.04	0.17	0.21	0.19	0.20	0.21	0.08
0.21	0.18	0.17	0.18	0.18	0.21	0.41	0.46	0.44	0.45	0.46	0.29
-0.19	-0.49	-0.47	-0.84	0.34	-0.01	0.72	0.16	-0.29	-0.94	-1.46	-0.38
0.53	0.48	0.46	0.48	0.39	0.30	0.35	0.31	0.34	0.58	1.07	0.85
4.76	4.59	4.52	4.53	5.81	8.74	14.3	17.9	15.8	9.51	5.26	4.23

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.93	0.11	0.34	0.17	0.36	-0.143

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1952	266.0	1959	12.0	1965	180.0	1971	51.0
1953	28.0	1960	12.0	1966	52.0	1972	22.0
1954	27.0	1961	221.0	1967	123.0	1973	214.0
1955	18.0	1962	210.0	1968	38.0	1974	50.0
1956	512.0	1963	22.0	1969	178.0	1975	280.0
1957	80.0	1964	26.0	1970	26.0	1976	28.0
1958	274.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.8188	1.8188	
STANDARD DEVIATION	0.4958	0.4958	
SKEW COEFFICIENTS			
STATION	0.1818	0.1818	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	25	25	
PERIOD (YEARS)	25	25	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	4.2	3.5	2.5	1.3	6.7
0.9900	5.4	4.6	3.6	1.8	8.5
0.9500	10.7	10.1	9.0	4.9	16.6
0.9000	15.6	15.3	14.0	8.2	23.8
0.8000	25.0	25.2	24.1	15.1	37.6
0.5000	63.7	65.9	65.9	44.8	97.0
0.2000	170.3	172.2	180.1	115.6	287.8
0.1000	290.5	284.6	310.6	182.1	529.7
0.0400	521.2	486.2	560.1	290.5	1033.1
0.0200	766.9	687.2	844.5	390.5	1600.3
0.0100	1091.5	938.1	1211.4	508.0	2379.0

10326400 REESE RIVER TRIBUTARY NEAR AUSTIN, NV

LOCATION.--Lat 39°28'29", long 117°19'10", in NE¼NW¼ sec.36, T.19 N., R.41 E., Lander County, Hydrologic Unit 16040107, at culvert on U.S. Highway 50, 14 mi (23 km) west of Austin.

DRAINAGE AREA.--8.27 mi^2 (21.42 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	5.0	1971	0.5	1973	0	1975	6.0
1969	50.0	1972	47.0	1974	0	1976	0
1970	0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.3515 S	-0.1895 S
STANDARD DEVIATION	1.5591 S	1.2590 S
SKEW COEFFICIENTS		
STATION	-0.6271	-0.6271
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5556	0.5556
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	9	9

S - SYNTHETIC

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.6	0.6	0.6	0.1	3.7
0.2000	9.7	7.4	10.3	1.5	101.6
0.1000	32.6	26.5	49.5	4.5	712.4
0.0400	103.4	103.4	308.3	13.7	6180.3
0.0200	202.6	249.0	1161.3	27.3	25657.6
0.0100	353.8	548.7	4639.9	50.1	93480.5

10326650 SILVER CREEK NEAR AUSTIN, NV

LOCATION.--Lat 39°43'10", long 117°10'04", in NW¼ sec.5, T.21 N., R.43 E., Lander County, Hydrologic Unit 16040107, at culvert on State Highway 8A, 1 mi (1.6 km) upstream from Reese River, and 16.5 mi (26.5 km) north of Austin.

DRAINAGE AREA.--25 mi^2 (65 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	0.5	1965	29.0	1969	52.0	1973	19.0
1962	15.0	1966	3.0	1970	2.0	1974	0
1963	1.0	1967	2.0	1971	51.0	1975	22.0
1964	0.2	1968	10.0	1972	40.0	1976	3.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.7222 S	0.7855 S
STANDARD DEVIATION	0.8004 S	0.6846 S
SKEW COEFFICIENTS		
STATION	-0.4763	-0.4763
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9375	0.9375
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.5	0.8	0.0	0.3	1.7
0.8000	1.2	1.6	1.5	0.6	3.2
0.5000	6.1	6.1	6.1	3.1	12.0
0.2000	25.6	23.0	25.3	11.7	58.9
0.1000	49.9	46.0	55.6	21.7	145.7
0.0400	96.4	96.4	129.9	40.7	394.8
0.0200	143.0	155.4	236.6	60.4	760.1
0.0100	199.9	238.9	438.9	85.7	1376.8

10326700 REESE RIVER NEAR AUSTIN, NV

LOCATION.--Lat 39°55'45", long 117°08'50", in SW¼ sec.21, T.24 N., R.43 E., Lander County, Hydrologic Unit 16040107, on left bank, 9 mi (14 km) downstream from Boone Creek, and 31 mi (50 km) north of Austin.

DRAINAGE AREA.--1,130 mi^2 (2,930 km^2), estimated.

REMARKS.--Many diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964	296	12	13	5	4	5	1	4	1	3	3	3	3	10	1	2																			
1965	348	3		2		1		1		1			1	2	1				1			1			1				2						
1966	215	8	6	2	6	26	7	13	3	16	3	7	3	5	5	4	4	5	4	4	2	2	1	4	3	5	1	1							
1967	358		2		1		1	1	1					1																					
1968	366																																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	1583	1827	100.0	12	1.6	7	79	4.3	24	12	4	13	.7
1	0.10	23	244	13.4	13	1.9	18	72	3.9	25	14	5	9	.4
2	0.20	21	221	12.1	14	2.3	7	54	3.0	26	17	1	4	.2
3	0.30	9	200	10.9	15	2.7	6	47	2.6	27	20	1	3	.1
4	0.40	11	191	10.5	16	3.2	4	41	2.2	28	23	2	2	.1
5	0.50	32	180	9.9	17	3.8	5	37	2.0	29				
6	0.60	9	148	8.1	18	4.4	5	32	1.8	30				
7	0.70	19	139	7.6	19	5.2	4	27	1.5	31				
8	0.90	5	120	6.6	20	6.2	2	23	1.3	32				
9	1.00	20	115	6.3	21	7.3	3	21	1.1	33				
10	1.20	6	95	5.2	22	8.6	1	18	1.0	34				
11	1.40	10	89	4.9	23	10.0	4	17	0.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1965	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1966	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.45	4
1967	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2
1968	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1964	3.0	3	2.5	3	2.2	3	1.8	3	1.4	3	0.9	3	0.6	3	0.5	3	0.3	3
1965	24.0	1	13.0	2	9.6	2	4.6	2	2.8	2	1.4	2	0.9	2	0.7	2	0.5	2
1966	20.0	2	18.0	1	16.0	1	13.0	1	9.1	1	5.4	1	3.8	1	3.1	1	2.2	1
1967	2.0	4	0.8	4	0.3	4	0.3	4	0.1	4	0.1	4	0.1	4	0.0	4	0.0	4
1968	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5	0.0	5

10326700 REESE RIVER NEAR AUSTIN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.18	0.20	0.18	0.30	1.77	0.10	0.11	0.24	0.04	0.50	0.01
0.00	0.16	0.20	0.11	0.42	15.6	0.03	0.06	0.28	0.01	1.24	0.00
0.00	0.40	0.44	0.34	0.64	3.95	0.18	0.25	0.53	0.09	1.11	0.01
*****	2.24	2.24	2.09	2.23	2.24	1.88	2.24	2.24	2.15	2.24	2.24
*****	2.24	2.24	1.86	2.17	2.23	1.71	2.24	2.24	1.93	2.24	2.24
0.00	4.91	5.48	5.00	8.18	48.8	2.87	3.13	6.52	1.23	13.7	0.17

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.30	0.22	0.47	2.00	1.53	-0.265

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
*****	-0.01	0.00	-0.20	-0.26	-0.15	-0.27	-0.05	0.01	-0.46	0.08	-0.30
*****	0.00	0.00	0.15	0.46	0.93	0.18	0.01	0.00	0.49	0.03	0.46
*****	0.02	0.00	0.38	0.68	0.96	0.42	0.11	0.03	0.70	0.18	0.68
*****	-2.24	-2.24	-2.15	-2.17	-1.14	-1.52	-2.24	2.24	-1.41	2.24	-2.24
*****	-2.24	-2.24	-1.94	-2.60	-6.28	-1.56	-2.24	2.24	-1.53	2.24	-2.24
*****	0.63	0.03	12.3	16.2	9.53	16.7	3.05	-0.91	28.5	-4.91	18.9

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
-0.65	0.60	0.78	-1.05	-1.19	-0.762

10326850 REESE RIVER TRIBUTARY NEAR BATTLE MOUNTAIN, NV

LOCATION.--Lat 40°32'30", long 117°03'00", in SW¼ sec.20, T.31 N., R.44 E., Lander County, Hydrologic Unit 16040107, at culvert on State Highway 8A, 9 mi (14 km) southwest of Battle Mountain.

DRAINAGE AREA.--0.2 mi^2 (0.5 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	18.0	1966	0.3	1970	3.0	1974	0.1
1963	0.5	1967	0.5	1971	0.2	1975	19.0
1964	1.0	1968	0.7	1972	0.7	1976	26.0
1965	1.5	1969	1.6	1973	0.3		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.0766	0.0766
STANDARD DEVIATION	0.7411	0.7411
SKEW COEFFICIENTS		
STATION	0.7208	0.7208
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.1	0.0	0.0	0.0	0.1
0.9500	0.1	0.1	0.1	0.0	0.2
0.9000	0.2	0.1	0.1	0.0	0.3
0.8000	0.3	0.3	0.3	0.1	0.6
0.5000	1.0	1.2	1.2	0.6	2.6
0.2000	4.6	5.0	5.6	2.4	14.5
0.1000	11.6	10.6	13.2	4.6	39.2
0.0400	34.5	23.7	33.3	9.1	117.2
0.0200	73.7	39.7	65.0	13.9	240.6
0.0100	151.3	63.2	128.5	20.2	462.0

10327000 HUMBOLDT RIVER NEAR VALMY, NV

LOCATION.--Lat 40°48', long 117°04', in NE¼NW¼ sec.30, T.34 N., R.44 E., Humboldt County, Hydrologic Unit 16040105, on left bank, 3.5 mi (5.6 km) east of Valmy, and 13 mi (21 km) northwest of Battle Mountain.

DRAINAGE AREA.--Not determined.

REMARKS.--Diversions above station for irrigation. Flow bypassing station at high stages not included.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUMBOLDT R NR VALMY, NV

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1951	5	1		1			2	1	2	1	3	5	9	12	11	13	9	16	19	4	9	5	27	37	22	15	73	63							
1952	17	4								1				2	7	20	17	15	32	30	26	17	36	21	6	8	10	20	13	18	10	15	18	3	
1953	12					1		1	1	2	1	1	3	5	9	10	12	21	17	27	28	44	56	66	8	18	22								
1954	99	1	1			1		1		1	1		1	2	6	15	8	27	15	56	44	20	39	27											
1955	170	1	1				1	1	1	2	1	8	3	9	6	7	10	12	7	6	35	63	9	9	3										
1956	83	2	2		1		1		3	2	2	3	9	3	5	7	6	4	8	5	8	20	11	34	9	32	35	53	18						
1957	24	1	2				6	1	1	2	6	5	3	4	10	6	17	17	34	50	5	5	6	14	28	57	11	30	20						
1958							16	7	6	3	5	2	3	3	4	10	9	18	9	20	62	25	14	7	15	20	44	53	10						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	410	2922	100.0	12	5.4	31	2383	81.6	24	290	91	780	26.6
1	0.10	10	2512	86.0	13	7.5	40	2352	80.5	25	400	150	689	23.5
2	0.20	6	2502	85.6	14	10.0	58	2312	79.1	26	560	195	539	18.4
3	0.30	1	2496	85.4	15	14.0	88	2254	77.1	27	780	219	344	11.7
4	0.40	1	2495	85.4	16	20.0	88	2166	74.1	28	1100	61	125	4.2
5	0.50	2	2494	85.4	17	28.0	130	2078	71.1	29	1500	18	64	2.1
6	0.70	26	2492	85.3	18	39.0	141	1948	66.7	30	2100	10	46	1.5
7	1.00	12	2466	84.4	19	55.0	198	1807	61.8	31	2900	15	36	1.2
8	1.40	14	2454	84.0	20	76.0	217	1609	55.1	32	4100	18	21	.7
9	2.00	14	2440	83.5	21	110.0	199	1392	47.6	33	5700	3	3	.1
10	2.80	19	2426	83.0	22	150.0	198	1193	40.8	34				
11	3.80	24	2407	82.4	23	210.0	215	995	34.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUMBOLDT R NR VALMY, NV

YEAR	1		3		7		14		30		60		90		120		183	
1951	1.30	7	1.40	7	1.80	7	3.00	7	5.60	7	11.00	7	19.00	7	40.00	8	112.00	8
1952	0.00	1	0.00	1	0.00	1	0.00	1	0.08	5	4.60	5	11.00	5	19.00	4	35.00	4
1953	9.80	8	9.80	8	10.00	8	12.00	8	15.00	8	23.00	8	29.00	8	39.00	7	77.00	7
1954	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	2.10	4	9.50	4	19.00	5	37.00	5
1955	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	0.00	1	0.00	1	0.00	1	0.00	1
1956	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	2	0.00	2	0.00	2	12.00	2
1957	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	0.88	3	6.00	3	13.00	3	28.00	3
1958	0.80	6	0.80	6	0.80	6	0.80	6	1.90	6	7.50	6	18.00	6	32.00	6	57.00	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND
MEAN
HUMBOLDT R NR VALMY, NV

YEAR	1		3		7		15		30		60		90		120		183	
1951	1050.0	5	1040.0	5	1010.0	5	937.0	5	830.0	5	824.0	5	798.0	4	786.0	3	656.0	2
1952	5800.0	1	5770.0	1	5620.0	1	5240.0	1	4610.0	1	3480.0	1	2720.0	1	2190.0	1	1500.0	1
1953	727.0	6	726.0	6	719.0	6	692.0	6	626.0	6	477.0	6	366.0	6	316.0	6	288.0	6
1954	271.0	8	271.0	8	266.0	8	256.0	7	237.0	7	211.0	7	183.0	7	160.0	7	129.0	7
1955	310.0	7	301.0	7	283.0	7	246.0	8	196.0	8	148.0	8	139.0	8	132.0	8	95.0	8
1956	1250.0	3	1250.0	3	1230.0	3	1190.0	3	1110.0	3	952.0	3	903.0	2	832.0	2	653.0	3
1957	1320.0	2	1310.0	2	1300.0	2	1250.0	2	1150.0	2	995.0	2	792.0	5	695.0	5	562.0	5
1958	1180.0	4	1180.0	4	1160.0	4	1110.0	4	1000.0	4	939.0	4	867.0	3	776.0	4	602.0	4

10327000 HUMBOLDT RIVER NEAR VALMY, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
7.61	37.3	87.5	125	243	373	725	867	782	299	41.1	5.04
96.4	864	7750	9219	45580	32070	587600	1378000	223700	39400	1081	34.4
9.82	29.4	88.0	96.0	214	179	767	1174	473	199	32.9	5.87
1.45	0.16	2.16	0.54	2.06	0.03	2.26	2.61	-0.20	-0.19	0.64	1.51
1.29	0.79	1.01	0.77	0.88	0.48	1.06	1.35	0.60	0.66	0.80	1.16
0.21	1.04	2.44	3.48	6.77	10.4	20.2	24.1	21.8	8.31	1.14	0.14

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
302	52260	229	1.21	0.76	0.145

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.56	1.25	1.67	1.82	2.23	2.51	2.68	2.66	2.74	2.25	1.24	0.51
0.36	0.62	0.52	0.59	0.20	0.07	0.18	0.28	0.26	0.40	0.81	0.21
0.60	0.79	0.72	0.77	0.45	0.26	0.42	0.53	0.51	0.64	0.90	0.46
0.37	-1.27	-2.06	-2.21	-1.27	-0.97	0.13	0.12	-1.84	-1.73	-1.56	0.34
1.06	0.63	0.43	0.42	0.20	0.10	0.16	0.20	0.19	0.28	0.72	0.90
2.55	5.64	7.54	8.24	10.1	11.4	12.1	12.0	12.4	10.2	5.61	2.30

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.55	0.16	0.40	-0.68	0.17	0.337

10327500 HUMBOLDT RIVER AT COMUS, NV

LOCATION.--Lat 41°00'00", long 117°19'00", in SE¼ sec.14, T.36 N., R.41 E., Humboldt County, Hydrologic Unit 16040105, on left bank at Comus siding of Southern Pacific Railroad, 1.0 mi (1.6 km) upstream from Kelly Creek, 9 mi (14 km) northeast of Golconda, and 32 mi (51 km) northwest of Battle Mountain.

DRAINAGE AREA.--12,100 mi^2 (31,300 km^2), approximately.

REMARKS.--Many diversions above station for irrigation, Humboldt Decree, 206,000 acres (834 km^2); additional acreage not covered by decree.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1896								56		3			1	4	32	16	42	27	17	14	31	18	15	18	24	9	9	9	16	5					
1897													3	4	11	3	9	24	16	17	31	51	33	44	12	4	19	12	9	9	49	5			
1898							16	3	6	11		15	2	6	5	11	13	7	13	33	21	22	91	32	32	26									
1899							10	62		1		1	2	8	7	1	15	8	14	11	5	2	14	11	38	15	11	19	41	62	7				
1900											51	1	4	3	6	3	5	25	12	15	55	49	36	63	28	9									
1901								15		20	60	17	6	7	17	8	8	13	15	13	27	7	7	15	42	31	11	8	3	4	11				
1902						2		8		2	4	24	28	5	16	6	20	16	41	26	27	26	35	39	15	25									
1903								13		25	12	18	9	4	31	11	17	14	16	5	11	7	41	50	32	26	23								
1904						45		11	22	18	2	10	17	7	19	4	10	7	9	7	3	3	9	10	10	10	53	80							
1906	12	19	10	63				7				1	1		4	12	8	7	6	8	7	21	13	33	12	8	18	67	28						
1907															30	10	18	11	5	1	16	24	28	14	11	8	13	13	71	50	16	26			
1908										6		3	5	4	17		2	2	10	1	5	3	33	100	87	65	20	3							
1911	14	14		6				11	68	4	1	3	3	3	2	3	5	13	14	12	10	5	20	33	36	55	28	2							
1912	4	6		6		9		6	10	2	3	6		22	37	15	18	4	23	18	23	25	10	18	41	26	11	18	5					
1914																8	17	30	21	10	39	18	18	15	16	22	11	25	54	61					
1915			16		38		14	15	5	19		4	4	5		5	18	18	26	26	78	18	43	10	3										
1916					23		24	11		11	15	11	8	8	15	9	34	3	34	31	11	6	8	32	8	9	9	17	29						
1917										42			10	1	5	4	1	13	9	98	3	3	20	13	21	11	12	15	59	25					
1918								78	6	16	7	13	24		4	31	9	14	11	15	41	46	12	27	11										
1919	18							85		52	5	14	11	9	19	12	8	20	4	4	10	16	17	9	2	7	16	19	8						
1920	44							88		36		2		17	4	12	12	31	18	34	17	39	11	1											
1921		43								3	1	1			16	15	16	37	6	21	5	22	8	7	6	5	6	27	61	27	22	10			
1922															3	62	2	18	18	15	82	2	14	20	9	4	6	12	62	21	15				
1923														15	15	10	41	44	15	21	31	45	24	9	10	54	25	6							
1924						30		31			31							30	31		92	31	90												
1925								31									61	15	43	9	6	9	34	4	36	71	23	19	4						
1926								61							37	8	38	4	4	22	54	39	50	30	18										
1946									1	4	1	4	10	8	5	2	5	4	4	36	35	39	7	46	22	9	21	34	68						
1947			33	7	2	3	1	2	1	1	1	2	1		2	1	3	6	4	10	56	42	54	66	37	30									
1948		4	29	19	21	12	9	2	1	1	1	1	2	3	5	4	4	7	8	22	42	46	47	37	12	25	2								
1949			15	41	38	13	2	3	2	1	1	3	2	1	10	48	24	7	4	7	7	13	12	7	8	21	55	20							
1950		54	17	3	1	3	1	2		1	1	1	2	1	4	5	53	25	8	4	6	7	10	20	28	58	39	11							
1951		42	4	2	1		1	2	2	2	4	1	3	3	4	7	11	11	9	5	8	10	19	45	23	13	88	45							
1952		10	19	2			1			1		1	1	6	5	10	17	23	33	33	6	7	41	28	7	9	11	14	13	24	11	12	20	1	
1953		6	6	2	2	1	2	1	3	3	1	4	12	15	9	7	7	11	14	31	30	44	40	68	16	17	13								
1954	27	91	8	2	4	1	2	1	1	1	1		2	3	3	9	11	9	38	55	25	11	38	22										
1955	7	178	17	10	3		1	1	2	1	2	3	3	1	2	4	2	4	4	14	56	36	7	7										
1956		74	7		13	14	2	2	3	2	2	1	3	3	3	3	2	4	5	5	20	8	7	39	7	31	43	45	18						
1957				9	38	7	1	2	2	3	1	3	2	5	6	14	12	11	66	5	5	5	6	16	39	50	10	26	16	5					
1958				5	26	5	1	4	3	2	2	2	3	5	5	8	10	9	10	26	57	19	12	10	13	23	47	49	9						
1959	5	68	9	23	3		1	1	2	3	1	1	2	5	4	11	27	31	26	29	56	57												
1960	2	101	61	16	7	3	1	2	1	1	4	1	3	2	3	2	3	14	20	5	9	25	41	32	7										
1961	3	86	47	9	10	10	4	5	9	5	3	1	2	3	3	3	14	7	19	21	38	21	23	19											
1962		42	29	12	4	2	1	3	1	2	6	12	12	17	12	11	5	4	4	4	6	4	5	4	7	28	35	42	46	5					
1963	7	14	20	8	4	3	4	2	1	1	3	2	9	5	27	29	17	12	8	6	3	60	36	10	23	7	9	9	22	4					
1964				11	11	1	1	2	1	2	1	1		1	8	15	24	16	32	63	34	11	5	9	9	6	30	44	28						
1965			1	2	1		1				2	8	7	8	5	3	6	4	5	4	29	22	20	21	35	57	48	47	29						
1966		38	9	6	4	6	2	1	1	1		1	3	6	9	5	3	5	4	6	32	36	104	37	5	31	10								
1967		19	15	2	11	11	2			1		7	9	7	6	27	23	15	11	15	13	18	16	18	60	9	23	18	9					
1968					6	8	8	4	1	8	8	3	4	5	15	17	17	43	26	24	38	23	42	38	4	20	4								
1969		13	6	14	8	1	2	1	2	2	1	1	3	3	6	4	12	11	15	14	33	18	14	42	25	6	14	33	11	25	14	11			
1970					15	5	1								1		5	22	25	46	28	9	17	52	47	31	19	14	28						
1971																			24	23	37	28	32	21	14	38	43	31	19	18	29	8			
1972							9	5	8	9	6	3	5	2	4	5	4	3	5	23	25	36	41	15	53	29	26	31	19						
1973									2	12	5	2	3	6	15	9	13	7	11	29	37	23	10	16	23	16	20	61	40	5					
1974					25	2	3	4	7	3	2	5	2	5	6	9	7	6	6	12	28	47	15	26	24	51	40	30								
1975				4	21			1				1			1	3	27	8	27	44	25	13	8	7	11	16	27	33	27	18	31	12			
1976												5	14	3	16	9	6	14	20	13	13	21	67	61	56	40	8								

10327500 HUMBOLDT RIVER AT COMUS, NV--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
* 0	0.00	143	21185	100.0	12	5.4	262	17154	81.0	24	290	1175	5893	27.8
1	0.10	922	21042	99.3	13	7.5	264	16892	79.7	25	400	1171	4718	22.2
2	0.20	378	20120	95.0	14	10.0	556	16628	78.5	26	560	1009	3547	16.7
3	0.30	284	19742	93.2	15	15.0	563	16072	75.9	27	780	1008	2538	11.9
4	0.40	340	19458	91.8	16	20.0	821	15509	73.2	28	1100	852	1530	7.2
5	0.50	197	19118	90.2	17	28.0	808	14688	69.3	29	1500	368	678	3.2
6	0.70	128	18921	89.3	18	39.0	946	13880	65.5	30	2100	205	310	1.4
7	1.00	645	18793	88.7	19	55.0	1121	12934	61.1	31	3000	84	105	.4
8	1.40	174	18148	85.7	20	77.0	1578	11813	55.8	32	4100	20	21	
9	2.00	344	17974	84.8	21	110.0	1316	10235	48.3	33	5800	1	1	
10	2.80	252	17630	83.2	22	150.0	1530	8919	42.1	34				
11	3.90	224	17378	82.0	23	210.0	1496	7389	34.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1896	1.00 34	1.00 32	1.00 33	1.00 31	1.00 30	1.00 23	1.00 15	2.80 17	9.50 16
1897	17.00 47	17.00 47	17.00 47	18.00 46	20.00 47	27.00 48	38.00 47	53.00 47	84.00 44
1898	5.00 40	5.00 40	5.00 40	6.60 41	11.00 41	21.00 44	34.00 45	50.00 46	99.00 47
1899	0.70 31	0.70 30	0.70 29	0.73 29	0.80 28	1.00 24	1.10 18	1.50 13	9.20 15
1900	29.00 51	29.00 50	29.00 49	30.00 49	34.00 49	43.00 50	60.00 51	77.00 50	121.00 50
1901	2.00 37	2.00 36	2.00 36	2.40 36	2.70 37	2.90 31	2.90 21	2.90 18	11.00 17
1902	0.51 27	0.67 29	0.86 31	1.10 32	1.20 31	2.80 29	3.70 24	5.70 21	13.00 19
1903	1.00 32	1.00 33	1.10 34	1.60 34	2.40 34	2.80 30	4.40 25	7.30 22	20.00 23
1904	0.51 28	0.50 27	0.50 27	0.50 27	0.50 24	0.77 21	1.00 16	2.40 15	6.50 9
1906	0.00 1	0.00 1	0.00 1	0.06 5	0.15 14	0.20 10	0.22 9	0.22 4	6.70 11
1907	10.00 45	10.00 44	10.00 44	10.00 44	11.00 42	15.00 41	19.00 40	28.00 39	67.00 41
1908	150.00 56	150.00 56	150.00 56	150.00 56	157.00 56	186.00 56	221.00 56	257.00 56	276.00 56
1912	0.00 2	0.00 2	0.04 8	0.06 6	0.11 12	0.34 14	0.78 13	3.00 19	7.60 14
1914	26.00 49	26.00 49	29.00 50	32.00 50	34.00 50	38.00 49	50.00 49	73.00 49	121.00 51
1915	19.00 48	19.00 48	19.00 48	19.00 47	21.00 48	25.00 45	38.00 46	46.00 45	61.00 38
1916	0.20 19	0.20 19	0.20 19	0.20 18	0.29 18	0.35 15	0.41 12	0.49 8	0.97 4
1917	2.50 38	2.50 39	2.50 37	2.50 37	2.50 35	5.00 34	11.00 33	21.00 31	30.00 28
1918	7.00 42	7.00 42	7.00 42	8.20 43	12.00 44	16.00 42	26.00 43	39.00 43	64.00 39
1919	0.00 3	0.00 3	0.00 2	0.00 1	0.43 22	1.00 25	1.20 19	1.30 12	1.90 6
1920	1.00 33	1.00 34	1.00 32	1.00 30	1.00 29	1.00 26	1.00 17	1.00 10	1.20 5
1921	0.00 4	0.00 4	0.00 3	0.00 2	0.00 1	0.03 1	0.08 1	3.30 20	17.00 21
1922	14.00 46	14.00 46	14.00 45	14.00 45	15.00 45	16.00 43	21.00 41	33.00 40	54.00 36
1923	8.00 43	8.00 43	8.00 43	8.10 42	11.00 43	13.00 39	17.00 38	26.00 37	57.00 37
1924	10.00 44	12.00 45	15.00 46	20.00 48	20.00 46	25.00 46	30.00 44	46.00 44	65.00 40
1925	0.51 29	0.50 28	0.50 28	0.50 28	0.50 25	0.75 20	0.83 14	1.30 11	7.50 12
1926	28.00 50	33.00 52	37.00 52	39.00 52	44.00 52	61.00 53	78.00 52	96.00 52	106.00 49
1947	1.90 36	2.10 37	2.60 38	3.90 39	6.10 39	26.00 47	47.00 48	67.00 48	103.00 48
1948	0.10 13	0.13 17	0.14 17	0.17 17	0.20 15	0.32 13	0.33 11	2.70 16	26.00 24
1949	0.20 20	0.20 18	0.20 18	0.22 19	0.24 16	0.26 11	0.30 10	0.65 9	6.50 10
1950	0.10 14	0.10 13	0.10 14	0.10 13	0.10 8	0.13 7	0.20 7	2.20 14	11.00 18
1951	0.10 15	0.10 14	0.10 15	0.10 14	0.11 13	0.47 18	6.70 29	25.00 35	97.00 46
1952	0.10 16	0.10 15	0.10 16	0.10 15	0.10 9	0.32 12	4.90 27	13.00 27	27.00 26
1953	5.10 41	5.40 41	5.80 41	6.60 40	7.80 40	13.00 40	22.00 42	34.00 41	74.00 43
1954	0.00 5	0.00 5	0.00 4	0.00 3	0.03 2	0.11 5	3.10 22	11.00 26	29.00 27
1955	0.00 6	0.00 6	0.04 9	0.07 9	0.08 3	0.09 2	0.09 2	0.10 1	0.10 1
1956	0.00 7	0.00 7	0.01 6	0.06 7	0.10 10	0.10 3	0.11 3	0.12 2	7.50 13
1957	0.30 21	0.30 22	0.36 25	0.38 23	0.40 21	0.42 17	2.60 20	7.60 23	20.00 22
1958	0.30 22	0.30 23	0.31 23	0.38 24	0.57 27	3.20 32	12.00 36	26.00 38	52.00 34
1959	0.30 23	0.30 24	0.30 20	0.30 20	0.32 19	0.84 22	6.10 28	14.00 28	35.00 30
1960	0.00 8	0.00 8	0.04 7	0.07 8	0.09 4	0.12 6	0.12 4	0.15 3	0.15 2
1961	0.00 9	0.00 9	0.06 10	0.08 10	0.09 5	0.11 4	0.17 5	0.24 7	0.24 3
1962	0.10 17	0.10 16	0.10 11	0.10 11	0.10 6	0.14 8	0.21 8	0.23 5	2.00 7
1963	0.00 10	0.00 10	0.00 5	0.05 4	0.11 11	0.36 16	3.10 23	7.70 24	16.00 20
1964	0.30 24	0.30 25	0.30 21	0.30 21	0.51 26	8.30 38	14.00 37	22.00 32	35.00 31
1965	0.20 18	0.27 20	0.34 24	0.39 25	1.60 33	5.00 35	11.00 34	23.00 33	89.00 45
1966	95.00 55	95.00 55	97.00 55	99.00 55	100.00 55	113.00 55	134.00 55	150.00 55	163.00 55
1967	0.10 11	0.10 11	0.10 12	0.10 12	0.10 7	0.19 9	0.19 6	0.24 6	4.60 8
1968	2.50 39	2.50 38	2.60 39	2.90 38	3.90 38	7.10 36	12.00 35	17.00 30	31.00 29
1969	0.30 25	0.30 21	0.30 22	0.34 22	0.44 23	2.70 28	7.90 30	16.00 29	44.00 32
1970	0.10 12	0.10 12	0.10 13	0.11 16	0.24 17	1.70 27	11.00 31	25.00 36	53.00 35
1971	30.00 52	30.00 51	31.00 51	32.00 51	38.00 51	45.00 51	59.00 50	84.00 51	133.00 52
1972	51.00 54	52.00 54	52.00 54	54.00 54	58.00 54	70.00 54	85.00 53	102.00 53	149.00 54
1973	0.70 30	0.71 31	0.80 30	1.10 33	1.50 32	4.40 33	11.00 32	24.00 34	51.00 33
1974	1.20 35	1.30 35	1.50 35	1.90 35	2.50 36	7.20 37	18.00 39	37.00 42	69.00 42
1975	0.36 26	0.36 26	0.38 26	0.39 26	0.40 20	0.50 19	4.60 26	9.80 25	26.00 25
1976	35.00 53	36.00 53	38.00 53	40.00 53	46.00 53	61.00 52	86.00 54	110.00 54	139.00 53

10327500 HUMBOLDT RIVER AT COMUS, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1896	1610.0 14	1610.0 14	1560.0 13	1480.0 13	1250.0 21	863.0 26	668.0 30	539.0 33	370.0 36
1897	3100.0 7	3080.0 7	3040.0 6	2930.0 6	2840.0 3	2640.0 2	2100.0 3	1700.0 5	1180.0 8
1898	485.0 47	485.0 47	470.0 47	450.0 47	432.0 46	360.0 44	305.0 44	279.0 44	237.0 44
1899	2230.0 10	2190.0 10	2170.0 10	2120.0 10	1980.0 9	1690.0 9	1720.0 8	1590.0 7	1220.0 6
1900	464.0 48	460.0 48	440.0 48	412.0 48	387.0 48	286.0 48	225.0 48	224.0 48	220.0 46
1901	2880.0 9	2810.0 9	2640.0 9	2320.0 9	1630.0 11	1060.0 17	834.0 21	711.0 22	503.0 26
1902	523.0 45	519.0 45	516.0 45	510.0 45	467.0 45	378.0 43	326.0 42	286.0 43	220.0 47
1903	740.0 40	740.0 40	736.0 39	674.0 39	531.0 41	402.0 42	429.0 38	398.0 39	321.0 39
1904	1060.0 31	1010.0 31	999.0 31	968.0 31	914.0 30	830.0 27	842.0 20	811.0 18	647.0 17
1906	1420.0 20	1420.0 20	1420.0 19	1380.0 19	1290.0 18	1080.0 15	1020.0 15	950.0 15	708.0 16
1907	3160.0 6	3160.0 5	3160.0 5	3160.0 4	3120.0 2	2570.0 3	2140.0 2	2080.0 2	1760.0 1
1908	880.0 37	880.0 37	803.0 37	765.0 36	669.0 37	531.0 37	441.0 37	403.0 37	377.0 34
1911	799.0 38	790.0 38	761.0 38	725.0 38	672.0 36	560.0 36	505.0 36	442.0 35	389.0 33
1912	1240.0 26	1230.0 26	1170.0 29	1080.0 29	932.0 29	695.0 34	586.0 34	508.0 34	372.0 35
1914	1730.0 12	1730.0 12	1730.0 12	1670.0 12	1590.0 12	1570.0 10	1510.0 10	1470.0 8	1180.0 7
1915	352.0 50	317.0 50	282.0 52	250.0 52	202.0 54	179.0 54	157.0 54	140.0 54	118.0 53
1916	1320.0 23	1310.0 23	1290.0 22	1290.0 22	1250.0 19	1010.0 20	781.0 23	633.0 26	433.0 29
1917	1950.0 11	1930.0 11	1880.0 11	1840.0 11	1690.0 10	1500.0 11	1380.0 11	1210.0 11	879.0 11
1918	312.0 51	307.0 51	305.0 50	296.0 50	282.0 50	228.0 50	191.0 50	170.0 52	132.0 51
1919	1250.0 25	1250.0 25	1200.0 26	1110.0 28	964.0 28	715.0 33	532.0 35	417.0 36	280.0 40
1920	234.0 56	203.0 56	182.0 57	156.0 57	130.0 58	95.0 58	74.0 58	78.0 58	72.0 58
1921	3880.0 2	3880.0 2	3660.0 2	3260.0 3	2770.0 5	2080.0 7	1790.0 6	1730.0 4	1350.0 4
1922	2970.0 8	2870.0 8	2790.0 8	2550.0 8	2170.0 8	1810.0 8	1620.0 9	1450.0 9	1020.0 10
1923	910.0 35	893.0 35	842.0 36	756.0 37	658.0 38	452.0 39	348.0 41	366.0 40	328.0 38
1924	200.0 57	200.0 57	200.0 56	200.0 55	200.0 55	200.0 51	190.0 51	175.0 51	150.0 50
1925	1180.0 30	1160.0 30	1120.0 30	1060.0 30	885.0 32	752.0 31	668.0 31	620.0 27	492.0 27
1926	354.0 49	347.0 49	340.0 49	330.0 49	296.0 49	237.0 49	187.0 52	181.0 50	157.0 49
1946	1400.0 21	1400.0 21	1390.0 21	1370.0 20	1340.0 15	1270.0 12	1190.0 12	1080.0 12	816.0 12
1947	495.0 46	490.0 46	477.0 46	461.0 46	414.0 47	356.0 45	304.0 45	297.0 42	262.0 42
1948	560.0 44	555.0 44	551.0 44	538.0 44	482.0 44	333.0 46	303.0 46	277.0 45	228.0 45
1949	947.0 34	944.0 34	937.0 34	925.0 33	847.0 33	744.0 32	677.0 29	580.0 30	403.0 32
1950	887.0 36	886.0 36	875.0 35	831.0 35	749.0 35	622.0 35	601.0 33	555.0 32	440.0 28
1951	993.0 33	985.0 33	960.0 33	881.0 34	789.0 34	780.0 30	762.0 24	751.0 21	625.0 19
1952	5810.0 1	5780.0 1	5600.0 1	5230.0 1	4580.0 1	3400.0 1	2690.0 1	2170.0 1	1500.0 2
1953	618.0 42	611.0 42	611.0 42	594.0 42	527.0 42	405.0 41	313.0 43	266.0 46	254.0 43
1954	258.0 54	257.0 53	254.0 53	247.0 53	229.0 52	200.0 52	169.0 53	144.0 53	114.0 54
1955	236.0 55	231.0 55	225.0 55	197.0 56	160.0 56	122.0 57	118.0 56	111.0 56	76.0 57
1956	1200.0 29	1180.0 29	1180.0 27	1160.0 25	1080.0 25	939.0 23	880.0 18	808.0 19	634.0 18
1957	1530.0 16	1520.0 16	1500.0 16	1420.0 16	1250.0 20	1030.0 19	807.0 22	702.0 23	566.0 23
1958	1260.0 24	1260.0 24	1230.0 24	1140.0 26	999.0 27	909.0 25	842.0 19	754.0 20	586.0 21
1959	140.0 58	140.0 58	139.0 58	138.0 58	134.0 57	125.0 56	117.0 57	108.0 57	87.0 56
1960	307.0 52	306.0 52	303.0 51	280.0 51	242.0 51	197.0 53	200.0 49	183.0 49	129.0 52
1961	267.0 53	255.0 54	249.0 54	241.0 54	210.0 53	152.0 55	155.0 55	136.0 55	99.0 55
1962	1680.0 13	1660.0 13	1530.0 14	1400.0 18	1330.0 16	1160.0 14	1060.0 14	956.0 14	812.0 13
1963	1520.0 17	1520.0 17	1500.0 17	1460.0 14	1350.0 13	951.0 22	728.0 27	585.0 29	428.0 31
1964	1440.0 19	1430.0 19	1420.0 18	1420.0 17	1340.0 14	1040.0 18	993.0 16	873.0 17	613.0 20
1965	1450.0 18	1440.0 18	1410.0 20	1350.0 21	1230.0 23	1060.0 16	992.0 17	888.0 16	760.0 15
1966	668.0 41	663.0 41	646.0 41	595.0 41	544.0 40	432.0 40	355.0 40	312.0 41	271.0 41
1967	1220.0 27	1220.0 27	1180.0 28	1130.0 27	1010.0 26	803.0 28	636.0 32	562.0 31	431.0 30
1968	603.0 43	585.0 43	570.0 43	557.0 43	486.0 43	319.0 47	255.0 47	246.0 47	210.0 48
1969	3650.0 3	3620.0 3	3590.0 3	3300.0 2	2780.0 4	2130.0 6	1730.0 7	1450.0 10	1040.0 9
1970	1330.0 22	1320.0 22	1280.0 23	1270.0 23	1240.0 22	980.0 21	748.0 26	617.0 28	547.0 24
1971	3210.0 4	3110.0 6	3010.0 7	2770.0 7	2630.0 7	2320.0 5	1900.0 5	1620.0 6	1250.0 5
1972	1200.0 28	1200.0 28	1200.0 25	1190.0 24	1120.0 24	925.0 24	755.0 25	693.0 24	576.0 22
1973	1570.0 15	1560.0 15	1520.0 15	1440.0 15	1320.0 17	1200.0 13	1110.0 13	1040.0 13	812.0 14
1974	1000.0 32	996.0 32	976.0 32	941.0 32	892.0 31	781.0 29	707.0 28	638.0 25	514.0 25
1975	3200.0 5	3190.0 4	3170.0 4	2940.0 5	2660.0 6	2460.0 4	2090.0 4	1770.0 3	1350.0 3
1976	762.0 39	740.0 39	681.0 40	601.0 40	545.0 39	460.0 38	413.0 39	401.0 38	333.0 37

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
19.6	46.3	77.6	116	231	431	659	673	771	409	68.9	15.7
1187	3439	6514	9885	32280	119300	359900	574100	444100	172900	10740	943
34.5	58.6	80.7	99.4	180	345	600	758	666	416	104	30.7
2.84	2.06	1.79	0.97	1.48	1.84	1.90	2.14	1.19	1.48	3.11	3.77
1.76	1.27	1.04	0.86	0.78	0.80	0.91	1.13	0.86	1.02	1.50	1.95
0.56	1.32	2.20	3.30	6.58	12.3	18.7	19.1	21.9	11.6	1.96	0.45

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
89	45670	214	1.05	0.72	-0.031

10327500 HUMBOLDT RIVER AT COMUS, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.50	1.09	1.47	1.76	2.20	2.51	2.65	2.56	2.63	2.20	1.27	0.50
1.00	0.89	0.75	0.59	0.27	0.12	0.16	0.30	0.40	0.75	0.93	0.77
1.00	0.95	0.87	0.77	0.52	0.34	0.40	0.54	0.63	0.87	0.96	0.88
-0.09	-0.67	-1.47	-2.09	-3.32	-0.42	-0.12	-0.48	-1.45	-1.48	-0.99	0.07
1.99	0.87	0.59	0.44	0.24	0.14	0.15	0.21	0.24	0.39	0.76	1.74
2.35	5.10	6.90	8.25	10.3	11.8	12.4	12.0	12.3	10.3	5.94	2.36

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.35	0.12	0.35	-0.45	0.15	0.078

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1895	1040.0	1912	1240.0	1947	535.0	1962	1740.0
1896	1610.0	1913	680.0	1948	748.0	1963	1530.0
1897	3100.0	1914	1730.0	1949	952.0	1964	1440.0
1898	485.0	1915	352.0	1950	889.0	1965	1500.0
1899	2230.0	1916	1320.0	1951	1030.0	1966	669.0
1900	464.0	1917	1950.0	1952	5860.0	1967	1230.0
1901	3080.0	1918	312.0	1953	642.0	1968	711.0
1902	523.0	1919	1250.0	1954	268.0	1969	3910.0
1903	740.0	1920	234.0	1955	243.0	1970	1000.0
1904	1060.0	1921	3880.0	1956	1200.0	1971	3260.0
1905	356.0	1922	2970.0	1957	1540.0	1972	1210.0
1906	1420.0	1923	910.0	1958	1270.0	1973	1570.0
1907	3160.0	1925	1180.0	1959	170.0	1974	1000.0
1908	880.0	1926	354.0	1960	357.0	1975	3220.0
1909	900.0	1946	1400.0	1961	372.0	1976	768.0
1911	799.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.0058	3.0058
STANDARD DEVIATION	0.3389	0.3389
SKEW COEFFICIENTS		
STATION	-0.0945	-0.0945
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0454 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	61	61
PERIOD (YEARS)	61	61

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	126.7	131.3	117.6	87.8	178.7
0.9900	156.2	160.7	148.1	110.9	213.8
0.9500	275.0	277.9	268.7	208.2	349.5
0.9000	369.9	371.3	362.2	289.2	455.2
0.8000	527.4	526.3	519.8	426.9	629.7
0.5000	1025.8	1019.3	1019.3	863.3	1203.8
0.2000	1960.9	1957.7	1981.3	1636.1	2414.6
0.1000	2732.5	2744.4	2811.0	2240.2	3520.2
0.0400	3872.3	3924.8	4083.1	3102.7	5284.7
0.0200	4836.9	4938.4	5238.7	3814.9	6877.4
0.0100	5897.0	6066.5	6545.4	4585.0	8717.3

10328000 POLE CREEK NEAR GOLCONDA, NV

LOCATION.--Lat 40°54'50", long 117°31'50", in N½NE¼ sec.13, T.35 N., R.39 E., Humboldt County, Hydrologic Unit 16040108, on right bank 2.0 mi (3.2 km) upstream from Devils Canyon, 3 mi (5 km) southwest of Interstate 80, 4 mi (6 km) southwest of Golconda, about 5 mi (8 km) upstream from the Humboldt River and about 18 mi (29 km) east of Winnemucca.

DRAINAGE AREA.--10.7 mi^2 (27.7 km^2).

REMARKS.--No diversions above gage.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																															
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1961	45								73	23	33	14	42	21	12	11	4	4	21	36	20	4			1							1			
1962	36								46	33	21	33	19	13	11	17	11	7	7	9	6	11	19	29	11	19	7								
1964										2	13	25	66	64	45	17	9	11	12	4	5	7	12	17	29	19	9								
1965											3	35	27	23	20	14	15	22	38	28	47	21	8	34	16	11	2		1						
1966	82								5	8		1	7	130	26	8	6	8	10	23	28	17	6												
1967	38								43	18	5	9	33	36	8	9	17	7	27	41	16	4	6	17	11	7	5	5	3						
1968	18								53	19	9	13	42	50	10	14	7	27	12	64	19	1	2	3		2	1								
1969	22								5	17	8	13	23	24	24	11	5	39	36	23	15	17	6	12	25	24	5	5	4	2					
1970	2						1		10	25	21	26	21	43	12	8	10	30	41	29	14	9	11	25	13	11	1	1				1			
1971	1	1	3	2		5	4	2	15	15	7	3	29	44	19	33	43	21	31	12	16	13	6	19	5	8	6	2						
1972	2	1	7	8	8	8	2	2	13	19	18	16	19	23	16	20	27	22	7	32	22	12	29	20	13										
1973	8	3	8	4	5	5	4	2	8	6	19	13	34	34	15	27	14	26	33	16	20	18	10	18	6	4	5								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	254	4383	100.0	12	0.5	362	3230	73.7	24	17	130	301	6.8
1	0.01	5	4129	94.2	13	0.7	505	2868	65.4	25	22	105	171	3.9
2	0.02	18	4124	94.1	14	1.0	218	2363	53.9	26	29	41	66	1.5
3	0.03	14	4106	93.7	15	1.3	189	2145	48.9	27	39	13	25	.5
4	0.04	13	4092	93.4	16	1.7	168	1956	44.6	28	52	8	12	.2
5	0.05	18	4079	93.1	17	2.2	224	1788	40.8	29	69	2	4	
6	0.07	11	4061	92.7	18	3.0	275	1564	35.7	30	92		2	
7	0.09	6	4050	92.4	19	4.0	317	1289	29.4	31	120	2	2	
8	0.10	271	4044	92.3	20	5.3	228	972	22.2	32				
9	0.20	185	3773	86.1	21	7.0	134	744	17.0	33				
10	0.30	157	3588	81.9	22	9.3	115	610	13.9	34				
11	0.40	201	3431	78.3	23	12.0	194	495	11.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	0.00	1	0.00	1	0.00	1	0.00	1	0.02	2	0.06	2	0.08	2	0.12	2	0.21	2
1965	0.20	8	0.23	9	0.27	9	0.31	9	0.35	9	0.52	9	0.61	9	0.72	9	1.60	10
1966	0.20	9	0.40	10	0.40	10	0.44	10	0.48	10	0.64	10	0.70	10	0.75	10	0.77	7
1967	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.00	1	0.00	1	0.15	1
1968	0.00	3	0.07	7	0.07	7	0.09	7	0.11	6	0.16	4	0.19	3	0.30	3	0.43	3
1969	0.00	4	0.00	3	0.00	3	0.02	5	0.12	7	0.21	6	0.26	4	0.31	4	0.59	4
1970	0.00	5	0.00	4	0.00	4	0.01	3	0.04	4	0.23	7	0.47	7	0.47	6	0.66	5
1971	0.20	10	0.20	8	0.23	8	0.28	8	0.33	8	0.37	8	0.49	8	0.63	7	0.87	8
1972	0.00	6	0.01	6	0.02	5	0.08	6	0.09	5	0.19	5	0.37	6	0.67	8	1.10	9
1973	0.00	7	0.00	5	0.02	6	0.02	4	0.03	3	0.10	3	0.29	5	0.41	5	0.69	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1961	500.0	1	173.0	1	74.0	1	35.0	3	17.0	9	9.6	10	8.3	10	7.2	10	5.4	10
1962	35.0	8	31.0	9	30.0	8	28.0	5	25.0	3	19.0	4	17.0	3	13.0	4	9.7	4
1964	36.0	7	34.0	7	32.0	6	28.0	6	25.0	4	21.0	3	19.0	2	15.0	2	10.0	2
1965	68.0	4	41.0	5	26.0	9	22.0	9	19.0	7	17.0	5	14.0	5	11.0	5	10.0	3
1966	11.0	12	10.0	12	9.9	12	8.3	12	7.1	12	6.7	11	5.8	11	4.7	12	3.4	12
1967	63.0	5	59.0	4	52.0	3	42.0	2	31.0	2	22.0	2	16.0	4	13.0	3	9.6	5
1968	31.0	10	23.0	10	19.0	10	12.0	11	7.8	11	6.0	12	5.4	12	5.1	11	3.8	11
1969	75.0	3	68.0	2	61.0	2	49.0	1	36.0	1	29.0	1	23.0	1	19.0	1	14.0	1
1970	122.0	2	63.0	3	34.0	5	23.0	7	19.0	8	16.0	6	13.0	6	10.0	6	9.2	6
1971	42.0	6	40.0	6	36.0	4	30.0	4	22.0	5	15.0	7	12.0	7	9.6	7	7.6	7
1972	19.0	11	18.0	11	17.0	11	17.0	10	14.0	10	10.0	9	10.0	9	9.3	8	6.8	9
1973	32.0	9	31.0	8	30.0	7	23.0	8	20.0	6	14.0	8	11.0	8	9.3	9	6.9	8

10328000 POLE CREEK NEAR GOLCONDA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.46	0.88	1.36	3.06	2.91	4.30	11.1	15.9	8.34	1.80	1.73	0.24
0.11	0.28	3.37	8.78	4.02	5.67	97.1	57.9	23.4	1.83	22.6	0.04
0.33	0.53	1.84	2.96	2.01	2.38	9.86	7.61	4.84	1.35	4.75	0.20
-0.02	1.42	3.20	1.05	0.89	2.34	1.73	-0.25	0.14	0.03	3.44	1.00
0.71	0.60	1.35	0.97	0.69	0.55	0.88	0.48	0.58	0.75	2.75	0.85
0.89	1.70	2.60	5.68	5.59	8.26	21.4	30.5	16.0	3.46	3.31	0.46

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.36	2.55	1.60	0.07	0.37	-0.414

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
-0.41	-0.12	-0.06	0.25	0.36	0.59	0.93	1.14	0.83	0.03	-0.36	-0.70
0.19	0.07	0.15	0.27	0.11	0.04	0.10	0.07	0.10	0.34	0.42	0.31
0.44	0.26	0.38	0.52	0.33	0.20	0.32	0.27	0.31	0.58	0.65	0.56
-1.48	-0.25	0.90	-0.16	-0.27	0.74	0.92	-0.95	-0.60	-1.25	1.14	-1.72
-1.08	-2.13	-6.37	2.12	0.91	0.33	0.34	0.24	0.37	18.6	-1.78	-0.80
-16.5	-5.00	-2.43	9.92	14.6	23.8	37.5	46.0	33.7	1.26	-14.7	-28.2

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.61	0.03	0.18	-0.72	0.29	-0.464

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	4000.0	1966	12.0	1970	191.0	1973	36.0
1962	35.0	1967	68.0	1971	55.0	1974	60.0
1964	53.0	1968	52.0	1972	22.0	1975	34.0
1965	150.0	1969	171.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8669	1.8669
STANDARD DEVIATION	0.6006	0.6006
SKEW COEFFICIENTS		
STATION	1.9182	1.9182
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	17.6	2.1	1.0	0.3	5.8
0.9900	17.8	2.9	1.6	0.5	7.6
0.9500	19.1	7.6	5.8	2.1	16.5
0.9000	20.8	12.5	10.3	4.1	25.2
0.8000	24.8	23.0	20.8	9.3	43.2
0.5000	48.8	73.6	73.6	38.7	139.9
0.2000	174.3	235.7	259.9	125.3	580.9
0.1000	449.9	433.1	523.7	215.2	1315.7
0.0400	1561.6	828.6	1116.8	371.7	3240.9
0.0200	3986.3	1259.9	1956.9	523.8	5861.5
0.0100	10150.4	1836.8	3410.4	709.8	10034.8

10328240 HUMBOLDT RIVER TRIBUTARY NEAR BLISS, NV

LOCATION.--Lat 40°59'55", long 117°39'30", in SE¼NE¼ sec.14, T.36 N., R.38 E., Humboldt County, Hydrologic Unit 16040109, at culvert on Interstate Highway 80, 5 mi (8 km) northeast of Winnemucca.

DRAINAGE AREA.--1.9 mi^2 (4.9 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	0.1	1971	0	1973	113.0	1975	1.0
1969	2.0	1972	0.6	1974	0	1976	1.0
1970	2.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.0696 S	-0.2750 S
STANDARD DEVIATION	0.9684 S	1.2848 S
SKEW COEFFICIENTS		
STATION	1.3116	1.3116
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7778	0.7778
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES				
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.5	0.5	0.5	0.1	3.1
0.2000	4.2	6.4	8.9	1.2	92.5
0.1000	16.9	23.5	44.4	3.8	675.5
0.0400	94.2	94.2	287.3	11.9	6125.5
0.0200	329.0	231.0	1112.2	24.2	26183.6
0.0100	1113.8	517.5	4571.8	45.0	97960.4

HUMBOLDT RIVER BASIN

10328500 LITTLE HUMBOLDT RIVER BELOW CHIMNEY DAM, NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°23'25", long 117°11'00", in NW¼ sec.36, T.41 N., R.42 E., Humboldt County, Hydrologic Unit 16040109, on left bank 20 mi (32 km) east-southeast of Paradise Valley.

DRAINAGE AREA.--780 mi² (2,020 km²), approximately.

REMARKS.--Records given herewith were obtained before Chimney Dam was constructed and were published as "below Chimney Dam site." Diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	3
YEAR													NUMBER OF DAYS IN CLASS																						
1942	17							13		21	51	2	97	19	8	16	10	14	6	16	17	22	19	13	3	1									
1943								25		32	27	30	8	21	31	11	16	4	3	20	16	32	21	21	18	14	7	3	1	1	1		2		
1944					28	8	16	5	24	109	26	17	6	9	10	8	15	18	18	18	20	11													
1945	3	4	8	5	6	3	7	14	10	24	50	36	15	8	10	17	10	7	16	17	14	22	19	16	21	3									
1946	19	1	1	1	7	8	23	17	11	12	25	24	69	16	6	6	14	5	12	21	15	22	24	6											
1947	85	1	1		1		1		9	20	15	22	41	28	14	28	40	23	20	15		1													
1948	77	4	2	12	12	18	6	12	16	37	17	11	9	22	19	8	7	7	15	33	12	7	3												
1949	62	8	34	42	42	9	11	9	1	3	6	3	4	15	8	20	14	7	7	3	8	13	20	15	1										
1950	22	1	5	1	9	4	12	13	8	28	45	40	10	17	14	3	22	14	12	11	20	20	29	5											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	285	3287	100.0	12	4.4	259	1720	52.3	24	150	43	76	2.3
1	0.10	19	3002	91.3	13	5.9	155	1461	44.4	25	200	18	33	1.0
2	0.20	51	2983	90.8	14	7.9	120	1306	39.7	26	260	7	15	.4
3	0.30	61	2932	89.2	15	11.0	117	1186	36.1	27	350	3	8	.2
4	0.40	105	2871	87.3	16	14.0	148	1069	32.5	28	470	1	5	.1
5	0.60	50	2766	84.1	17	19.0	99	921	28.0	29	630	1	4	.1
6	0.80	76	2716	82.6	18	25.0	109	822	25.0	30	840	1	3	
7	1.00	108	2640	80.3	19	34.0	154	713	21.7	31	1100		2	
8	1.40	79	2532	77.0	20	45.0	122	559	17.0	32	1500	2	2	
9	1.80	286	2453	74.6	21	61.0	150	437	13.3	33				
10	2.50	262	2167	65.9	22	81.0	135	287	8.7	34				
11	3.30	185	1905	58.0	23	110.0	76	152	4.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1943	0.00	1	0.00	1	0.00	1	0.00	1	0.43	6	1.40	7	1.90	8	2.40	8	5.00	8
1944	1.00	8	1.00	8	1.00	8	1.00	8	1.20	8	1.50	8	1.70	7	1.80	5	1.90	4
1945	0.40	7	0.40	7	0.40	7	0.44	7	0.47	7	0.66	5	1.00	4	1.50	4	2.20	5
1946	0.00	2	0.00	2	0.07	5	0.18	5	0.31	3	0.76	6	1.40	6	2.00	6	3.70	6
1947	0.00	3	0.00	3	0.00	2	0.00	2	0.32	4	0.61	4	1.10	5	2.10	7	4.00	7
1948	0.00	4	0.00	4	0.00	3	0.00	3	0.00	1	0.00	1	0.00	1	0.01	1	0.58	2
1949	0.00	5	0.00	5	0.00	4	0.00	4	0.00	2	0.00	2	0.03	2	0.06	2	0.11	1
1950	0.10	6	0.10	6	0.14	6	0.24	6	0.36	5	0.40	3	0.73	3	1.10	3	1.90	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1942	218.0	3	190.0	3	163.0	3	140.0	3	104.0	3	88.0	4	75.0	3	64.0	3	45.0	3
1943	2500.0	1	1670.0	1	943.0	1	492.0	1	300.0	1	226.0	1	211.0	1	183.0	1	133.0	1
1944	74.0	8	73.0	8	68.0	8	63.0	7	56.0	7	44.0	8	38.0	7	31.0	7	22.0	7
1945	249.0	2	230.0	2	198.0	2	179.0	2	166.0	2	127.0	2	102.0	2	86.0	2	67.0	2
1946	128.0	6	125.0	5	116.0	5	104.0	5	95.0	5	81.0	6	68.0	5	56.0	5	39.0	5
1947	62.0	9	48.0	9	38.0	9	35.0	9	32.0	9	26.0	9	23.0	9	21.0	9	16.0	9
1948	98.0	7	88.0	7	77.0	7	60.0	8	51.0	8	45.0	7	38.0	8	30.0	8	21.0	8
1949	152.0	4	136.0	4	120.0	4	118.0	4	100.0	4	88.0	3	65.0	6	52.0	6	35.0	6
1950	128.0	5	118.0	6	103.0	6	95.0	6	89.0	6	82.0	5	69.0	4	57.0	4	41.0	4

10328500 LITTLE HUMBOLDT RIVER BELOW CHIMNEY DAM, NEAR PARADISE VALLEY, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.93	3.57	4.89	29.5	30.4	39.0	84.6	64.3	29.6	4.93	0.65	0.8
2.61	5.54	15.4	6005	2345	1332	1769	1012	386	13.9	0.33	0.6
1.62	2.35	3.92	77.5	48.4	36.5	42.1	31.8	19.6	3.72	0.58	0.8
0.53	0.27	1.10	3.00	2.43	2.00	0.68	0.91	0.78	0.66	1.00	1.4
0.84	0.66	0.80	2.62	1.59	0.94	0.50	0.49	0.66	0.76	0.89	0.9
0.66	1.21	1.66	10.0	10.3	13.3	28.7	21.9	10.1	1.67	0.22	0.2

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.4	345	18.6	2.08	0.76	-0.137

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.03	0.49	0.52	0.64	1.11	1.45	1.87	1.76	1.37	0.52	-0.22	-0.1
0.59	0.09	0.23	0.62	0.34	0.13	0.06	0.05	0.11	0.24	0.12	0.1
0.77	0.29	0.48	0.79	0.58	0.36	0.24	0.23	0.33	0.49	0.34	0.3
-2.09	-0.45	-1.27	0.95	0.66	0.49	-0.70	-0.54	-0.50	-1.38	-0.44	-0.7
25.3	0.60	0.93	1.23	0.53	0.25	0.13	0.13	0.24	0.94	-1.52	-2.4
0.32	5.19	5.52	6.85	11.8	15.5	20.0	18.7	14.6	5.56	-2.38	-1.6

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	0.07	0.27	0.79	0.21	-0.065

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1942	244.0	1945	560.0	1947	76.0	1949	161.0
1943	4000.0	1946	148.0	1948	112.0	1950	132.0
1944	83.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3427	2.3427
STANDARD DEVIATION	0.5395	0.5395
SKEW COEFFICIENTS		
STATION	1.8884	1.8884
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	59.7	9.0	2.5	0.8	27.0
0.9900	60.3	12.2	4.9	1.4	34.1
0.9500	64.5	28.5	19.3	5.4	66.2
0.9000	70.0	44.8	34.3	10.9	96.0
0.8000	82.6	77.4	67.3	25.2	155.2
0.5000	153.0	220.1	220.1	104.3	464.8
0.2000	480.7	626.3	720.2	312.2	1922.9
0.1000	1122.7	1081.8	1412.8	505.0	4430.9
0.0400	3408.2	1937.7	3094.5	813.7	11183.8
0.0200	7854.2	2823.6	5463.0	1094.2	20583.8
0.0100	18046.0	3961.7	9890.8	1420.6	35823.0

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°24'55", long 117°22'22", in NW¼SE¼ sec.20, T.41 N., R.41 E., Humboldt County, Hydrologic Unit 16040109, on right bank 3.5 mi (5.6 km) downstream from Bullshead Ranch and 9.5 mi (15.3 km) southeast of Paradise Valley.

DRAINAGE AREA.--1,030 mi^2 (2,670 km^2), approximately.

REMARKS.--Flow regulated by Chimney Dam (capacity, 35,000 acre-ft or 43.2 hm^3), 10 mi (16 km) upstream, since 1974. Diversions for irrigation of 4,450 acres (18.0 km^2), Little Humboldt Decree, above station. Station is above all diversions in Paradise Valley.

DISCHARGE, IN CUBIC FEET PER SECOND

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	3
YEAR													NUMBER OF DAYS IN CLASS																						
1922							32	195	10	22		8		1	4	18	4	6	26	2	2	1	7	11	4	7	4	1							
1923					19	61	7	53	49	43	46	23	27	21	14	2																			
1925			1	14	2	73	75	63	4	30	23	35	35	9	1																			
1926						94	26	33	46	61	32	22	15	7	11	5	9	4																	
1927						4	74	116	19	16	3	3	8	2	3	3	11	16	17	11	13	16	10	10	4	6									
1944				28	26	108	76	17	10	13	9	28	21	7	10	13																			
1945				14	55	101	26	5	4	11	10	5	6	9	18	12	11	13	14	8	6	12	19	6											
1946					55	117	63	9	10	8	4	2	8	13	13	7	11	8	16	17	4														
1947				17	90	97	15	29	8	25	29	14	13	19	8	1																			
1948				36	166	67	3	3	6	7	4	6	11	13	30	7	7																		
1949			5	75	128	28	13	25	10	9	5	2	5	4	3	4	13	13	12	8	3													
1950				61	122	23	18	8	4	16	9	10	13	5	11	4	17	20	21	3														
1951			22	69	54	20	6	12	10	22	14	20	8	7	10	5	6	8	16	19	17	20												
1952				7	110	50	7	6	2	17	14	14	10	9	7	2	3	3	4	6	5	6	7	17	9	11	3	8	10	7	8	1	1	2
1953				38	89	36	16	18	18	60	42	17	4	9	5	3	10																	
1954			3	75	167	19	13	23	32	29	4																							
1955				81	170	25	13	17	14	14	5	19	7																					
1956				39	125	12	4	10	31	20	10	9	10	3	5	12	14	21	24	9	5		3											
1957				68	136	14	20	4	2	1	2	1	2	6	8	6	7	12	14	17	13	10	15	7										
1958				7	153	27	12	6	4	11	9	3	8	10	6	2	5	11	11	6	8	11	18	19	5	3	2	3	4	1				
1959			15	41	45	101	41	42	32	29	16	3																						
1960				66	110	82	7	4	2	8	13	21	24	3	8	5	7	6																
1961				72	142	45	16	6	3	15	39	23	4																					
1962			10	7	42	154	28	10	2	4	2	13	3	6	6	6	8	14	14	2	6	1	5	6	1	3	4	3	5					
1963			1	3	59	116	18	7	21	13	20	29	24	29	17	4	3	1																
1964				153	65	22	13	6	3	10	6	1	1	6	14	19	17	16	6	7	1													
1965				1	34	59	38	16	16	3	5	5	3	7	47	28	24	25	8	11	12	7	5	11										
1966				21	161	18	47	4	9	12	22	8	7	11	2	4	3																	
1967				66	101	11	13	7	7	17	27	15	8	11	8	23	10	6	6	8	17	4												
1968				123	113	19	10	41	40	6	5	3	2	1	2	1																		
1969				1	36	86	55	4	3	7	7	8	13	15	12	8	8	8	2	4	5	3	11	19	14	8	5	10		3	1	5	2		
1970			4	5	44	52	59	17	2	1	7	6	19	48	16	17	10	12	7	11	5	11	7	2		2		1						
1971				4	81	47	30	19	15	12	10	10	18	12	11	4	2	5	4	24	21	17	13	4	2									
1972				21	98	28	26	25	13	15	11	3	4	5	9	16	21	19	13	6	6	6	4	5	6	2	3		1					
1973			1	1	81	17	67	11	14	7	7	2	2	24	15	11	5	10	23	21	6	2	2	4	2	2		1						
1974				12	50	76	39	29	14	15	12	10	4	7	11	3	3	11	11	30	14	5	5	3		1								

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13148	100.0
1	4.00	16	13148	100.0
2	4.70	144	13132	99.9
3	5.60	1599	12988	98.8
4	6.60	3110	11389	86.6
5	7.80	1684	8279	63.0
6	9.20	767	6595	50.2
7	11.00	883	5828	44.3
8	13.00	480	4945	37.6
9	15.00	639	4465	34.0
10	18.00	470	3826	29.1
11	21.00	388	3356	25.5
12	25.0	422	2968	22.6
13	30.0	315	2546	19.4
14	35.0	315	2231	17.0
15	42.0	225	1916	14.6
16	49.0	262	1691	12.9
17	58.0	252	1429	10.9
18	69.0	285	1177	9.0
19	81.0	208	892	6.8
20	96.0	137	684	5.2
21	110.0	134	547	4.2
22	130.0	141	413	3.1
23	160.0	96	272	2.1
24	190	46	176	1.3
25	220	38	130	.9
26	260	27	92	.6
27	310	17	65	.4
28	370	18	48	.3
29	430	9	30	.2
30	510	13	21	.1
31	610	3	8	
32	720	1	5	
33	850	2	4	
34	1000	2	2	

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1923	7.00 30	7.00 30	7.10 30	7.60 32	8.10 33	9.40 34	10.00 34	10.00 34	11.00 33
1925	5.00 6	5.70 14	5.90 17	5.90 14	7.60 30	8.40 32	8.60 31	8.80 31	9.10 30
1926	8.00 33	8.00 33	8.00 33	8.00 33	8.00 32	8.20 31	8.70 32	9.20 33	11.00 34
1927	8.00 34	8.00 34	8.10 34	8.60 34	8.60 34	8.80 33	8.90 33	9.10 32	9.80 32
1945	5.80 19	5.80 19	5.90 18	6.00 15	6.10 13	6.40 15	6.80 20	7.20 22	7.80 23
1946	7.20 31	7.20 31	7.30 31	7.40 29	7.40 28	7.60 29	7.90 29	8.20 29	8.80 28
1947	7.20 32	7.20 32	7.30 32	7.40 30	7.40 29	7.50 28	7.70 27	7.80 27	8.60 25
1948	6.40 26	6.40 25	6.40 24	6.40 23	6.60 22	6.70 22	6.80 21	6.90 19	7.20 18
1949	6.10 23	6.10 23	6.10 20	6.20 20	6.30 16	6.50 18	6.70 18	6.80 18	6.90 14
1950	5.20 9	5.20 7	5.30 8	5.70 9	5.90 9	6.10 7	6.40 14	6.60 13	6.80 11
1951	5.70 17	5.70 15	5.80 12	6.00 16	6.10 10	6.20 11	6.30 8	6.60 14	8.70 26
1952	5.20 10	5.20 8	5.20 4	5.40 5	5.40 3	5.60 1	5.80 3	6.10 3	6.60 8
1953	6.10 24	6.50 26	6.70 26	6.90 26	7.30 27	7.40 27	7.70 28	7.80 28	9.30 31
1954	5.60 14	5.60 11	5.90 13	6.00 17	6.20 14	6.30 12	6.30 9	6.40 7	6.40 3
1955	5.00 7	5.20 9	5.30 5	5.50 7	5.80 6	6.10 8	6.30 10	6.40 8	6.60 9
1956	5.60 15	5.60 12	5.60 9	5.60 8	5.90 7	6.00 6	6.20 4	6.20 4	6.40 4
1957	5.90 20	5.90 20	5.90 14	6.00 18	6.40 20	6.50 19	6.60 17	6.70 17	6.90 15
1958	6.30 25	6.30 24	6.30 23	6.30 21	6.30 17	6.40 16	6.50 15	6.60 15	6.80 12
1959	6.80 29	6.80 29	6.80 27	7.00 28	7.10 26	7.30 26	7.40 26	7.60 26	8.10 24
1960	5.10 8	5.10 4	5.10 3	5.20 2	5.50 4	5.90 4	6.30 11	6.50 11	6.90 13
1961	5.70 16	5.70 16	6.10 21	6.20 19	6.20 15	6.30 13	6.30 12	6.40 9	6.60 10
1962	4.60 4	4.60 2	4.60 1	4.70 1	5.30 1	5.90 5	6.40 13	6.60 12	6.50 7
1963	4.50 3	5.20 5	5.70 10	5.90 10	6.40 18	6.70 20	6.90 22	7.00 20	7.10 17
1964	5.90 21	5.90 21	5.90 15	5.90 11	6.10 11	6.20 9	6.20 5	6.20 5	6.40 5
1965	5.90 22	5.90 22	5.90 16	5.90 12	5.90 8	6.30 14	6.20 6	6.40 10	7.70 22
1966	5.50 13	5.60 13	6.10 22	6.50 24	6.80 24	6.90 23	7.00 23	7.30 24	7.40 19
1967	5.00 5	5.10 3	5.30 6	5.40 6	5.50 5	5.60 2	5.60 1	5.60 1	5.70 1
1968	5.30 11	5.30 10	5.30 7	5.30 3	5.40 2	5.60 3	5.80 2	6.00 2	6.30 2
1969	5.50 12	5.80 17	5.80 11	5.90 13	6.10 12	6.20 10	6.20 7	6.30 6	6.50 6
1970	4.00 1	4.30 1	4.70 2	5.40 4	6.40 19	6.50 17	6.50 16	6.70 16	7.00 16
1971	5.80 18	5.80 18	6.90 28	7.50 31	7.80 31	8.10 30	8.40 30	8.50 30	9.00 29
1972	6.70 28	6.70 28	6.90 29	6.90 27	7.00 25	7.20 25	7.20 24	7.40 25	8.70 27
1973	6.50 27	6.50 27	6.50 25	6.50 25	6.70 23	7.10 24	7.20 25	7.20 23	7.60 20
1974	4.40 2	5.20 6	6.00 19	6.30 22	6.50 21	6.70 21	6.80 19	7.00 21	7.60 21

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1922	319.0 6	304.0 6	279.0 6	249.0 5	214.0 4	151.0 4	117.0 5	95.0 5	66.0 6
1923	44.0 31	39.0 31	38.0 29	35.0 28	31.0 29	28.0 28	25.0 28	24.0 27	23.0 22
1925	35.0 32	33.0 32	32.0 32	30.0 31	28.0 30	25.0 30	24.0 29	22.0 29	19.0 29
1926	66.0 22	63.0 22	58.0 22	50.0 23	41.0 23	34.0 24	30.0 24	27.0 22	23.0 23
1927	250.0 9	241.0 7	228.0 7	192.0 7	155.0 7	134.0 5	118.0 4	106.0 4	75.0 4
1944	45.0 29	45.0 28	44.0 27	43.0 26	39.0 26	32.0 25	29.0 25	25.0 25	20.0 26
1945	180.0 12	164.0 12	160.0 9	152.0 9	140.0 8	113.0 9	91.0 10	77.0 10	62.0 8
1946	104.0 17	103.0 17	97.0 17	89.0 15	85.0 15	72.0 14	60.0 16	50.0 16	36.0 17
1947	45.0 30	40.0 30	36.0 30	33.0 30	31.0 27	26.0 29	24.0 30	22.0 30	18.0 30
1948	55.0 25	55.0 24	52.0 25	44.0 25	40.0 25	37.0 22	32.0 22	26.0 23	20.0 27
1949	102.0 18	99.0 18	93.0 18	80.0 19	73.0 18	64.0 20	48.0 21	39.0 21	28.0 21
1950	84.0 21	83.0 21	79.0 21	76.0 21	69.0 20	65.0 18	55.0 18	47.0 18	34.0 19
1951	124.0 16	118.0 16	115.0 15	112.0 12	109.0 11	98.0 11	81.0 11	74.0 11	54.0 12
1952	876.0 2	712.0 2	567.0 2	537.0 1	489.0 1	364.0 1	289.0 1	231.0 1	169.0 1
1953	56.0 24	54.0 25	54.0 24	50.0 22	41.0 24	31.0 26	27.0 26	24.0 26	21.0 24
1954	18.0 36	18.0 36	17.0 36	17.0 36	16.0 36	15.0 36	14.0 36	13.0 36	11.0 36
1955	27.0 33	27.0 33	25.0 33	24.0 33	23.0 32	19.0 33	16.0 33	14.0 34	12.0 34
1956	146.0 15	137.0 15	111.0 16	87.0 17	72.0 19	70.0 15	64.0 15	53.0 15	43.0 16
1957	178.0 13	173.0 11	163.0 8	160.0 8	134.0 9	113.0 10	96.0 9	87.0 6	60.0 9
1958	451.0 3	414.0 3	392.0 3	313.0 3	239.0 3	183.0 3	151.0 3	135.0 3	95.0 3
1959	21.0 35	21.0 35	20.0 35	19.0 35	17.0 35	16.0 34	15.0 34	14.0 35	13.0 31
1960	61.0 23	59.0 23	56.0 23	49.0 24	46.0 22	35.0 23	30.0 23	25.0 24	19.0 28
1961	26.0 34	26.0 34	25.0 34	23.0 34	22.0 33	20.0 32	19.0 31	16.0 31	13.0 32
1962	340.0 5	327.0 5	316.0 4	273.0 4	199.0 5	131.0 6	99.0 8	78.0 9	55.0 11
1963	50.0 26	49.0 26	44.0 26	38.0 27	31.0 28	29.0 27	26.0 27	23.0 28	20.0 25
1964	96.0 20	88.0 20	86.0 20	78.0 20	67.0 21	58.0 21	52.0 20	43.0 20	31.0 20
1965	156.0 14	154.0 13	146.0 13	124.0 11	89.0 13	82.0 12	69.0 13	60.0 12	57.0 10
1966	48.0 27	45.0 27	41.0 28	34.0 29	28.0 31	22.0 31	19.0 32	16.0 32	13.0 33
1967	100.0 19	97.0 19	92.0 19	85.0 18	82.0 16	64.0 19	54.0 19	45.0 19	35.0 18
1968	46.0 28	41.0 29	33.0 31	26.0 32	20.0 34	16.0 35	15.0 35	14.0 33	11.0 35
1969	2000.0 1	1200.0 1	668.0 1	430.0 2	328.0 2	241.0 2	185.0 2	177.0 2	135.0 2
1970	284.0 7	222.0 8	157.0 10	110.0 13	94.0 12	69.0 16	56.0 17	48.0 17	48.0 13
1971	203.0 10	189.0 10	154.0 11	142.0 10	125.0 10	114.0 8	102.0 6	82.0 8	67.0 5
1972	381.0 4	329.0 4	283.0 5	237.0 6	182.0 6	125.0 7	102.0 7	86.0 7	64.0 7
1973	280.0 8	206.0 9	150.0 12	89.0 16	76.0 17	66.0 17	64.0 14	58.0 13	47.0 14
1974	192.0 11	154.0 14	115.0 14	95.0 14	87.0 14	81.0 13	70.0 12	58.0 14	45.0 15

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
7.73	8.44	9.51	20.1	26.0	38.2	74.4	64.9	30.5	9.58	7.19	7.3
3.36	4.73	15.6	1039	477	1093	8064	3262	586	23.8	1.69	2.8
1.83	2.18	3.95	32.2	21.8	33.1	89.8	57.1	24.2	4.88	1.30	1.6
2.00	1.71	2.52	4.69	1.54	2.46	2.87	1.72	1.88	3.47	1.20	1.6
0.24	0.26	0.42	1.60	0.84	0.87	1.21	0.88	0.79	0.51	0.18	0.2
2.54	2.78	3.13	6.62	8.55	12.6	24.5	21.3	10.0	3.15	2.37	2.4

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
25.6	304	17.4	1.91	0.68	-0.023

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.88	0.91	0.95	1.11	1.29	1.46	1.67	1.66	1.37	0.95	0.85	0.8
0.01	0.01	0.02	0.12	0.10	0.11	0.16	0.14	0.11	0.02	0.01	0.0
0.09	0.10	0.14	0.34	0.32	0.33	0.40	0.38	0.33	0.16	0.07	0.0
1.49	1.12	1.40	1.64	0.49	0.29	0.51	0.03	0.09	1.63	0.84	1.2
0.10	0.11	0.15	0.31	0.25	0.22	0.24	0.23	0.24	0.16	0.09	0.1
6.30	6.55	6.82	7.94	9.24	10.5	12.0	11.9	9.79	6.79	6.09	6.1

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.33	0.07	0.26	0.37	0.20	0.050

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1922	331.0	1948	62.0	1957	182.0	1966	48.0
1923	52.0	1949	103.0	1958	482.0	1967	104.0
1925	36.0	1950	85.0	1959	21.0	1968	48.0
1926	66.0	1951	129.0	1960	64.0	1969	2380.0
1927	500.0	1952	1100.0	1961	27.0	1970	312.0
1944	47.0	1953	57.0	1962	369.0	1971	218.0
1945	250.0	1954	19.0	1963	54.0	1972	426.0
1946	108.0	1955	28.0	1964	97.0	1973	389.0
1947	48.0	1956	154.0	1965	198.0	1974	232.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0808	2.0808
STANDARD DEVIATION	0.4910	0.4910
SKEW COEFFICIENTS		
STATION	0.5352	0.5352
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0785 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	36	36
PERIOD (YEARS)	36	36

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

10329000 LITTLE HUMBOLDT RIVER NEAR PARADISE VALLEY, NV--CONTINUED

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	11.5	7.1	5.7	3.3	12.3
0.9900	13.6	9.3	7.8	4.5	15.4
0.9500	22.6	19.2	17.8	10.9	29.2
0.9000	30.6	28.6	27.0	17.5	41.5
0.8000	45.7	46.3	45.0	30.7	64.6
0.5000	109.0	118.7	118.7	86.5	162.7
0.2000	299.4	310.5	320.4	222.7	467.4
0.1000	538.9	517.7	551.1	355.5	847.8
0.0400	1056.4	898.6	996.5	580.1	1636.2
0.0200	1674.8	1287.7	1502.5	794.2	2526.1
0.0100	2580.2	1784.0	2172.3	1053.2	3753.2

10329500 MARTIN CREEK NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°32'00", long 117°25'40", in NW¼SW¼ sec.12, T.42 N., R.40 E., Humboldt County, Hydrologic Unit 16040109, on left bank 0.6 mi (1.0 km) upstream from Humboldt County Recreation Park and 7 mi (11 km) northeast of Paradise Valley.

DRAINAGE AREA.--172 mi^2 (445 km^2).

REMARKS.--Diversion for irrigation of 40 acres (162,000 m^2), Little Humboldt Decree, above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																															
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1923					22	35	55	74	28	25	6	10	6	13	14	18	26	18	11	4															
1924						65	64	54	24	56	46	8	4	14	20	9	2																		
1925						22	39	36	44	57	26	20	20	13	15	20	11	6	16	11	5	2			1		1								
1926							13	90	51	48	30	20	7	11	9	9	22	15	11	20	7	2													
1927						43	21	86	9	42	5	7	3	9	7	2	11	14	6	10	24	23	19	8	9	5	2								
1928		9		8	22	33	12	6	35	3	28	73	19	8	13	4	8	31	5	9	10	10	6	8	2	3	1							
1929					32	47	45	91	26	3	8	4	6	12	10	28	20	15	12	5	1														
1930					4	11	82	54	59	2	15	5	16	15	8	12	43	18	2	6	13														
1931					63	48	67	1	83	32	23	16	20	11	1																				
1932				9	9	32	31	132	15	4	9	4	12	2		1		1		4	8	6	37	26	9	8	6		1						
1933							67	24	115	51	17	11	5	2	4	6	9	12	13	11	11	7													
1934					51	36	5	94	46		44	3	11	22	10	32	6	3	2															
1935						93	37	37	65	8	6	5	19	5	5	4	3	5	3	7	10	10	27	13	2	1									
1936						82	85	35	7	31	4	4	4	10	27	3	5	6	10	5	7	13	10	6	12										
1937					51	24	85	63	23	2	2	5	6	7	6	6	10	15	11	11	19	14	1	2		2									
1938					3	60	72	30	47	4	8	7	3	4	6	14	6	7	10	5	8	10	9	14	9	11	11	6	1						
1939				9	42	27	17	20	51	61	48	3	6	6	6	5	4	10	18	7	5	7	4	1	6	2									
1940					47	21	77	14	46	14	18	16	6	3	8	10	4	7	6	13	25	16	10		2	1	1	1							
1941						63	43	9	46	31	16	5	4	6	10	6	11	14	21	29	15	11	12	10	2		1								
1942						44	32	30	53	31	24	18	13	9	7	4	4	8	2	13	12	21	16	9	12	3									
1943						1	25	52	39	10	18	20	17	7	5	10	7	16	8	14	26	24	10	20	21	6	5		1	2					1
1944						6	57	28	75	33	32	12	11	16	4	3	7	14	26	18	8	9	6	1											
1945						1	34	21	75	37	15	23	17	6	10	8	12	11	5	3	15	9	20	15	9	13	5						1		
1946						10	68	19	54	16	33	26	8	10	8	6	9	14	7	15	26	16	7	11	2										
1947					25	43	16	10	63	21	20	34	26	18	11	26	17	7	12	11	5														
1948						11	70	55	29	33	30	17	10	12	10	8	5	9	10	10	21	18	7	1											
1949					10	64	38	55	42	19	18	8	16	14	5	8	7	1	3	10	13	15	12	7											
1950						7	48	91	45	2	5	16	8	13	9	6	7	12	12	18	12	20	11	21	2										
1951						15	60	31	33	17	15	31	22	13	7	7	11	7	8	6	9	23	33	10	4	3									
1952							1	66	46	37	33	25	36	5	3	2	5	3	4	2	11	4	1	2	3	7	21	16	13	10	8	2			
1953						5	58	26	57	19	16	25	36	19	11	16	11	19	9	6	5	10	5	12											
1954					9	36	65	48	53	24	27	33	19	11	12	22	4		1				1												
1955						28	49	87	71	15	12	16	21	14	3	8	10	15	10	6															
1956						23	68	37	25	7	7	21	17	16	15	5	11	7	11	14	16	27	15	9	7	4			2		2				
1957						21	53	50	55	27	7	3	7	3	4	14	11	13	9	11	17	16	7	14	12	7	3	1							
1958							4	80	41	26	37	13	11	16	8	10	1	7	6	16	12	9	7	7	13	15	15	3	2	4	1	1			
1959							44	61	68	45	30	18	12	16	17	32	17	3	2															
1960						30	30	64	83	24	9	9	6	3	5	6	11	28	16	13	11	10	7	1											
1961						19	34	81	48	33	26	21	10	10	14	32	22	12	2		1														
1962						1	74	60	48	21	8	18	18	4	6	4	4	7	5	9	22	9	10	19	4	2	6	3	2	1					
1963						9	79	55	43	12	4	18	20	22	11	13	17	14	13	15	14	4													2
1964						13	52	51	66	47	16	9	8	7	4	4	4	15	15	31	16	7	1												
1965						1	5	68	46	12	12	9	10	5	5	19	46	24	16	13	8	14	24	9	9	7	1		1	1					
1966						19	69	20	81	60	19	15	12	7	13	16	12	17	3	2															
1967							80	55	27	14	4	9	21	13	7	13	22	16	8	19	6	6	5	14	7	10	7	2							
1968						31	55	50	43	34	19	15	27	20	30	22	11	1	1	1	2	1	2	1											
1969							51	47	18	16	37	30	28	10	8	4	4	7	8	5	4	8	7	8	12	18	17	10	3	4				1	
1970					2	11	33	66	50	7	5	5	4	5	14	19	42	18	10	14	7	17	7	11	4	11	2					1			
1971							27	35	30	21	27	32	29	7	15	9	20	10	4	6	10	22	20	19	4	12	4	1		1					
1972							43	34	25	33	50	31	9	4	11	5	6	5	11	19	24	22	13	7	6	4	2	1		1					
1973					3	29	52	38	56	12	17	12	18	14	12	13	7	10	8	12	13	16	10	11		1		1							
1974					3	56	22	26	32	20	38	22	18	7	5	7	5	4	3	10	18	34	13	10	5	6	1								
1975							39	72	60	15	14	10	3	6	8	14	14	12	5	13	12	12	11	13	11	13	7	1							
1976						4	49	22	42	25	59	43	13	7	14	13	11	9	10	17	9	8	5	6											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	19724	100.0	12	16.0	763	7098	36.0	24	160	199	619	3.1
1	2.00	9	19724	100.0	13	20.0	522	6335	32.1	25	190	180	420	2.1
2	2.40	0	19715	100.0	14	24.0	505	5813	29.5	26	230	121	240	1.2
3	2.90	26	19715	100.0	15	29.0	604	5308	26.9	27	280	49	119	.6
4	3.50	376	19689	99.8	16	35.0	601	4704	23.8	28	340	26	70	.3
5	4.30	1137	19313	97.9	17	42.0	591	4103	20.8	29	410	24	44	.2
6	5.20	2474	18176	92.2	18	51.0	449	3512	17.8	30	500	11	20	.1
7	6.30	2493	15702	79.6	19	61.0	528	3063	15.5	31	600	4	9	
8	7.60	2726	13209	67.0	20	74.0	562	2535	12.9	32	720	1	5	
9	9.20	1227	10483	53.1	21	90.0	551	1973	10.0	33	880	3	4	
10	11.00	1217	9256	46.9	22	110.0	436	1422	7.2	34	1100	1	1	
11	13.00	941	8039	40.8	23	130.0	367	986	5.0					

10329500 MARTIN CREEK NEAR PARADISE VALLEY, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1923	6.00 46	6.00 45	6.00 44	7.00 52	7.00 52	7.10 52	7.30 49	7.70 46	8.10 39
1924	5.00 32	5.00 29	5.00 27	5.10 31	5.30 32	5.90 34	6.90 42	7.90 47	8.10 40
1925	6.00 47	6.00 46	6.00 45	6.00 43	6.00 43	6.30 40	6.30 36	6.70 33	8.20 41
1926	6.00 48	6.00 47	6.00 46	6.00 44	6.40 48	6.90 49	7.30 50	8.30 50	9.50 46
1927	7.00 53	7.00 53	7.00 53	7.40 54	7.70 54	7.90 54	7.90 54	8.10 48	8.40 42
1928	6.00 49	6.00 48	6.00 47	6.00 45	6.00 44	6.30 41	6.80 40	8.30 51	11.00 54
1929	2.00 1	2.00 1	2.00 1	2.40 1	3.60 1	3.90 1	4.40 3	4.80 3	5.60 5
1930	4.00 6	4.00 6	4.00 6	4.00 5	4.20 8	4.50 8	4.90 9	5.50 12	6.20 11
1931	5.00 33	5.00 30	5.00 28	5.00 22	5.00 16	5.50 31	6.30 37	6.70 34	6.70 17
1932	3.00 2	3.00 2	3.00 2	3.40 2	4.00 4	4.00 2	4.30 1	4.50 1	4.90 1
1933	7.00 54	7.00 54	7.00 54	7.00 53	7.00 53	7.00 50	7.20 48	7.50 44	8.00 37
1934	6.00 50	6.00 49	6.00 48	6.00 46	6.00 45	6.70 47	7.10 46	7.10 40	7.40 28
1935	4.00 7	4.00 7	4.00 7	4.00 6	4.00 5	4.20 5	4.40 2	4.60 2	5.20 2
1936	5.00 34	5.00 31	5.00 29	5.00 23	5.00 17	5.00 12	5.10 12	5.30 10	5.60 3
1937	5.00 35	5.00 32	5.00 30	5.00 24	5.00 18	5.20 13	5.40 14	5.70 15	5.90 8
1938	4.00 8	4.00 8	4.00 8	4.00 7	4.10 6	4.20 6	4.60 6	4.90 4	6.00 9
1939	4.00 9	4.70 17	4.90 19	4.90 18	5.00 19	5.20 14	5.90 26	6.90 38	7.90 34
1940	3.00 3	3.00 3	3.00 3	3.40 3	3.70 2	4.00 3	4.50 4	4.90 5	5.60 4
1941	4.00 10	4.00 9	4.00 9	4.00 4	4.00 3	4.20 4	4.60 5	5.00 6	6.20 12
1942	5.00 36	5.00 33	5.00 31	5.00 25	5.00 20	5.30 17	5.60 19	6.30 22	7.20 24
1943	5.00 37	5.00 34	5.00 32	5.00 26	5.10 21	5.30 18	5.90 27	6.50 28	9.90 51
1944	5.70 45	6.00 50	6.00 49	6.00 47	6.20 46	6.60 45	6.90 41	7.30 41	7.80 32
1945	4.90 23	4.90 22	4.90 20	5.10 32	5.10 22	5.40 28	6.00 30	6.90 39	8.00 35
1946	4.90 24	5.10 37	5.30 37	5.30 36	5.60 36	6.50 44	7.00 43	7.50 42	10.00 52
1947	4.90 25	4.90 23	4.90 21	5.10 33	5.20 28	5.50 29	5.90 28	6.60 31	8.70 44
1948	4.20 14	4.20 10	4.20 10	4.20 10	4.30 9	4.50 9	4.70 7	5.20 8	6.50 13
1949	5.00 38	5.00 35	5.10 34	5.20 34	5.30 33	5.50 30	5.70 20	5.90 16	6.60 15
1950	3.80 4	3.80 4	3.90 4	4.10 8	4.20 7	4.40 7	4.70 8	5.10 7	5.80 6
1951	5.10 39	5.10 36	5.10 35	5.30 37	5.40 34	5.80 32	6.20 31	6.50 29	9.50 45
1952	4.90 26	4.90 24	4.90 22	5.00 27	5.20 29	5.30 19	5.50 15	6.10 20	7.30 26
1953	6.30 51	6.30 51	6.40 51	6.50 50	6.90 50	7.10 51	7.50 51	7.70 45	9.70 48
1954	4.90 27	4.90 25	5.10 36	5.20 35	5.20 30	5.30 20	5.50 16	5.90 17	6.60 16
1955	4.00 5	4.00 5	4.00 5	4.10 9	4.30 10	4.70 10	5.00 10	5.30 9	5.90 7
1956	4.60 16	4.60 15	4.70 15	4.80 13	4.90 13	5.20 15	5.50 17	5.60 13	7.10 21
1957	4.90 28	4.90 26	4.90 23	4.90 19	5.00 14	5.30 21	5.90 29	6.80 35	7.60 31
1958	4.70 17	4.90 27	5.00 33	5.00 20	5.10 23	5.30 22	5.80 22	6.40 23	8.10 38
1959	5.30 40	5.40 39	6.10 50	6.30 49	6.60 49	6.90 48	7.10 44	7.50 43	8.00 36
1960	5.30 41	5.30 38	5.40 38	5.40 38	5.70 37	5.90 35	6.30 38	6.70 32	7.20 25
1961	4.70 18	4.70 16	4.70 16	4.80 14	5.00 15	5.30 23	5.60 18	5.90 18	6.90 19
1962	4.90 29	4.90 28	4.90 24	4.90 15	5.30 31	6.20 39	6.20 32	6.50 30	7.10 22
1963	5.00 30	5.60 42	5.80 41	5.90 41	5.90 40	5.90 36	6.20 33	6.40 24	6.80 18
1964	4.80 19	4.80 18	4.90 25	5.00 21	5.10 24	5.40 24	5.80 23	6.40 25	7.10 23
1965	4.80 20	4.80 19	4.80 17	4.90 16	5.10 25	5.40 25	5.80 24	6.30 21	9.70 49
1966	6.40 52	6.50 52	6.60 52	6.70 51	7.00 51	7.40 53	7.90 52	8.30 52	8.50 43
1967	4.80 21	4.80 20	4.80 18	4.90 17	5.10 26	5.20 16	5.30 13	5.50 11	6.10 10
1968	5.00 31	5.50 40	5.70 39	5.70 39	5.80 39	6.00 37	6.20 34	6.80 36	7.50 29
1969	4.40 15	4.40 14	4.50 13	4.60 12	4.70 12	5.40 26	5.70 21	6.00 19	7.40 27
1970	4.10 11	4.30 13	4.60 14	5.10 28	5.60 35	5.80 33	6.30 35	6.40 26	7.00 20
1971	5.60 42	5.70 43	5.80 42	5.90 42	6.00 41	6.40 42	7.10 45	8.10 49	10.00 53
1972	5.60 43	5.60 41	5.70 40	5.70 40	6.00 42	6.50 43	7.90 53	8.60 53	9.70 50
1973	4.20 12	4.20 11	4.30 11	5.10 29	5.70 38	6.00 38	6.40 39	6.90 37	7.60 30
1974	4.80 22	4.90 21	5.00 26	5.10 30	5.20 27	5.40 27	5.90 25	6.40 27	7.90 33
1975	4.20 13	4.20 12	4.30 12	4.30 11	4.50 11	4.70 11	5.10 11	5.60 14	6.50 14
1976	5.70 44	5.80 44	6.00 43	6.10 48	6.30 47	6.70 46	7.20 47	8.80 54	9.60 47

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1923	85.0 44	79.0 44	74.0 45	67.0 43	61.0 44	52.0 43	48.0 42	41.0 41	30.0 42
1924	45.0 53	40.0 53	37.0 53	34.0 52	33.0 52	27.0 52	22.0 53	20.0 53	16.0 53
1925	300.0 18	200.0 21	112.0 37	80.0 41	72.0 40	61.0 41	51.0 40	48.0 40	37.0 40
1926	112.0 40	97.0 42	92.0 42	88.0 39	82.0 38	63.0 38	61.0 38	53.0 38	39.0 38
1927	300.0 19	269.0 14	251.0 10	208.0 11	185.0 10	148.0 10	134.0 7	124.0 7	90.0 5
1928	270.0 22	223.0 19	171.0 23	138.0 28	113.0 29	96.0 26	81.0 27	67.0 28	48.0 28
1929	74.0 48	71.0 46	65.0 46	60.0 46	53.0 45	44.0 45	40.0 45	35.0 45	25.0 45
1930	80.0 45	80.0 43	80.0 43	79.0 42	65.0 42	52.0 42	47.0 43	40.0 42	30.0 41
1931	28.0 54	22.0 54	21.0 54	20.0 54	18.0 54	16.0 54	14.0 54	13.0 54	11.0 54
1932	350.0 14	251.0 17	224.0 14	203.0 12	166.0 14	156.0 9	149.0 6	126.0 6	85.0 8
1933	108.0 43	102.0 40	98.0 39	87.0 40	71.0 41	62.0 39	49.0 41	40.0 43	29.0 43
1934	56.0 52	52.0 52	43.0 51	37.0 51	35.0 50	31.0 51	27.0 51	23.0 51	18.0 51
1935	202.0 28	182.0 26	159.0 24	147.0 23	133.0 19	119.0 18	96.0 22	76.0 23	53.0 24

10330000 COTTONWOOD CREEK NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°33', long 117°35', in SW¼ sec.3, T.42 N., R.39 E., Humboldt County, Hydrologic Unit 16040109, 5 mi (8.0 km) northwest of Paradise Valley.

DRAINAGE AREA.--Not determined.

REMARKS.--Two small diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1926	91	1	1	3	1		7	2	33			87		11	37	2	8	5	14	18	10	20	12	2											
1927	37								91			49		11	14	6	5	4	6	11	11	22	23	17	22	17	9	7	2	1					
1928	75								4			40		22	17	27	41	19	30	11	4	24	13	7	9	14	5	2	1		1				
1929	87								50			102		12	15	14	14	12	13	22	4	9	11												
1930	71								36			102		10	24	15	9	18	21	32	13	10	4												
1931	102								124			78		56	1		1		1			1	1												
1932	53					160			11			2		3	3	6	3		10	5		4	10	30	33	13	17	1		1	1				
1933					79	31	30	104				21		16	11	5	7	2	4	11	19	18	7												
1934				92	31	61			59			18		11	18	20	2	2	23	21		3		4											

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	516	3287	100.0	12	2.2	0	1261	38.4	24	26	64	156	4.7
1	0.10	1	2771	84.3	13	2.7	152	1261	38.4	25	32	44	92	2.7
2	0.20	1	2770	84.3	14	3.3	140	1109	33.7	26	40	31	48	1.4
3	0.30	95	2769	84.2	15	4.1	95	969	29.5	27	49	10	17	.5
4	0.40	32	2674	81.4	16	5.1	90	874	26.6	28	60	3	7	.2
5	0.50	300	2642	80.4	17	6.2	62	784	23.9	29	74	2	4	.1
6	0.60	38	2342	71.3	18	7.6	122	722	22.0	30	91	2	2	
7	0.80	32	2304	70.1	19	9.4	131	600	18.3	31				
8	1.00	512	2272	69.1	20	12.0	61	469	14.3	32				
9	1.20	0	1760	53.5	21	14.0	111	408	12.4	33				
10	1.50	0	1760	53.5	22	17.0	81	297	9.0	34				
11	1.80	499	1760	53.5	23	21.0	60	216	6.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1927	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.01	2	0.12	2	0.65	3
1928	0.00	2	0.00	2	0.00	2	0.36	8	0.73	8	0.98	8	1.30	8	1.70	8	3.20	8
1929	0.00	3	0.00	3	0.00	3	0.00	2	0.00	2	0.00	2	0.18	4	0.37	4	0.81	5
1930	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	3	0.06	3	0.50	5	1.00	6
1931	0.00	5	0.00	5	0.00	5	0.00	4	0.00	4	0.37	7	0.66	7	1.00	7	1.30	7
1932	0.00	6	0.00	6	0.00	6	0.00	5	0.00	5	0.00	4	0.00	1	0.00	1	0.14	1
1933	0.00	7	0.00	7	0.00	7	0.00	6	0.13	6	0.32	6	0.44	6	0.55	6	0.71	4
1934	0.30	8	0.30	8	0.30	8	0.30	7	0.30	7	0.30	5	0.30	5	0.32	3	0.38	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1926	22.0	5	21.0	5	20.0	4	18.0	4	17.0	4	14.0	4	12.0	4	9.7	4	7.2	4
1927	75.0	3	65.0	3	59.0	1	48.0	1	41.0	1	36.0	1	30.0	2	27.0	2	21.0	1
1928	91.0	2	69.0	2	52.0	2	35.0	3	31.0	3	27.0	3	23.0	3	19.0	3	15.0	3
1929	19.0	6	19.0	6	18.0	6	17.0	5	15.0	5	12.0	6	9.9	7	8.7	6	6.4	6
1930	18.0	8	18.0	7	16.0	8	15.0	7	14.0	7	12.0	7	11.0	5	9.0	5	7.0	5
1931	18.0	9	14.0	9	7.6	9	5.1	9	3.9	9	2.7	9	2.4	9	2.1	9	1.9	9
1932	141.0	1	84.0	1	49.0	3	43.0	2	36.0	2	33.0	2	31.0	1	28.0	1	19.0	2
1933	19.0	7	18.0	8	18.0	7	16.0	6	15.0	6	13.0	5	10.0	6	8.2	7	5.8	7
1934	22.0	4	22.0	4	19.0	5	14.0	8	12.0	8	10.0	8	8.2	8	6.8	8	4.8	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.04	1.80	1.89	1.95	3.57	9.13	13.5	18.0	10.8	1.92	0.36	0.23
0.53	2.05	2.91	3.41	15.7	51.3	79.4	138	100	5.65	0.20	0.08
0.73	1.43	1.70	1.85	3.96	7.16	8.41	11.7	10.0	2.38	0.44	0.28
0.13	1.10	1.57	2.10	1.99	0.81	0.74	0.49	1.35	1.63	1.17	0.75
0.70	0.80	0.90	0.94	1.11	0.78	0.66	0.65	0.93	1.24	1.25	1.23
1.63	2.80	2.95	3.04	5.56	14.2	21.0	28.1	16.8	2.99	0.56	0.35

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.38	12.1	3.47	0.75	0.65	-0.115

10330000 COTTONWOOD CREEK NEAR PARADISE VALLEY, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.00	0.12	0.12	0.14	0.34	0.83	1.03	1.15	0.84	0.08	-0.09	-0.20
0.07	0.15	0.16	0.16	0.20	0.13	0.11	0.14	0.23	0.23	0.02	0.08
0.26	0.38	0.40	0.40	0.45	0.36	0.33	0.37	0.48	0.48	0.16	0.28
-0.35	-0.26	-0.05	-0.13	0.38	0.07	-0.57	-1.10	-0.70	-0.26	-0.52	-1.69
-160	3.19	3.23	2.86	1.31	0.44	0.32	0.32	0.57	5.61	-1.72	-1.41
-0.04	2.75	2.83	3.17	7.85	19.1	23.7	26.2	19.3	1.89	-2.09	-4.61

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.65	0.09	0.30	-0.12	0.46	-0.157

10330300 MULLINEX CREEK NEAR PARADISE VALLEY, NV

LOCATION.--Lat 41°30'40", long 117°32'25", in NE¼NE¼ sec.23, T.42 N., R.39 E., Humboldt County, Hydrologic Unit 16040109, at culvert on State Highway 8B, 1.2 mi (1.9 km) north of Paradise Valley.

DRAINAGE AREA.--27.3 mi^2 (70.7 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	100.0	1966	6.0	1970	830.0	1974	540.0
1963	1320.0	1967	200.0	1971	420.0	1975	500.0
1964	30.0	1968	145.0	1972	91.0	1976	450.0
1965	918.0	1969	400.0	1973	200.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3527	2.3527
STANDARD DEVIATION	0.6176	0.6176
SKEW COEFFICIENTS		
STATION	-1.2829	-1.2829
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.1	5.8	2.8	1.0	16.0
0.9900	2.4	8.2	4.6	1.6	21.3
0.9500	14.6	21.7	16.7	6.1	47.2
0.9000	33.5	36.4	30.3	12.3	73.2
0.8000	80.7	68.1	62.0	28.1	127.7
0.5000	302.7	225.3	225.3	119.3	425.2
0.2000	743.1	745.5	818.7	397.4	1806.7
0.1000	1028.5	1393.6	1672.1	693.5	4135.1
0.0400	1327.6	2715.5	3613.8	1219.8	10296.8
0.0200	1500.4	4178.5	6299.3	1739.1	18751.5
0.0100	1635.1	6157.0	11117.3	2381.6	32300.2

10330500 COTTONWOOD CREEK AT PARADISE VALLEY, NV

LOCATION.--Lat 41°31'00", long 117°32'30", in NW¼ sec.25, T.42 N., R.39 E., Humboldt County, Hydrologic Unit 16040109, on right bank at highway bridge, 300 ft (90 m) west of Paradise Valley Post Office.

DRAINAGE AREA.--57.4 mi^2 (148.7 km^2).

REMARKS.--Several diversions for irrigation above and below station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1945				31	38	118	17	1	4	3		1	1		1	10	3	15	8	8	8	25	15	13	11	8	16	9	1						
1946			5	59	20	31	31		26	26	4	3	5	10	11	15	4	4	5	15	3	15	24	16	15	9	7	1		1					
1947		8	83	134	44	21	14		8	3	1	3	5	6	2	9	8	5	11																
1948		71	57	43	49	11	10		16	9	4	13	11	7	6	6	5	7	7	8	7	12	6	1											
1949		68	93	27	26	45	2	1	2		2	1	2	5	5	5	11	13	15	14	9	6	6	7											
1950		36	69	42	22	7		5	2	6	5	1	3	2	10	8	11	12	19	22	15	14	20	17	9	3	3		1		1				
1951		18	48	28	13	22		11	5	2	1		11	10	14	11	8	10	12	12	8	13	14	15	39	12	16	5	2	2	1	2			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	2.7	38	926	36.2	24	45	74	174	6.8
1	0.10	201	2556	100.0	13	3.4	40	888	34.7	25	57	32	100	3.9
2	0.20	355	2355	92.1	14	4.3	49	848	33.2	26	72	42	68	2.6
3	0.30	364	2000	78.2	15	5.4	64	799	31.3	27	91	15	26	1.0
4	0.40	212	1636	64.0	16	6.9	50	735	28.8	28	120	4	11	.4
5	0.50	255	1424	55.7	17	8.7	66	685	26.8	29	150	3	7	.2
6	0.70	74	1169	45.7	18	11.0	77	619	24.2	30	180	2	4	.1
7	0.80	18	1095	42.8	19	14.0	79	542	21.2	31	230	2	2	
8	1.00	63	1077	42.1	20	18.0	50	463	18.1	32				
9	1.30	49	1014	39.7	21	22.0	85	413	16.2	33				
10	1.70	17	965	37.8	22	28.0	85	328	12.8	34				
11	2.10	22	948	37.1	23	36.0	69	243	9.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1946	0.30	6	0.30	6	0.30	6	0.30	6	0.30	6	0.37	6	0.41	6	0.43	5	0.79	5
1947	0.10	1	0.17	5	0.19	5	0.21	5	0.25	5	0.28	5	0.31	5	0.50	6	0.54	4
1948	0.10	2	0.10	1	0.10	1	0.10	1	0.10	1	0.11	1	0.12	1	0.14	1	0.18	1
1949	0.10	3	0.10	2	0.10	2	0.10	2	0.14	3	0.15	3	0.17	3	0.17	2	0.19	2
1950	0.10	4	0.10	3	0.10	3	0.10	3	0.12	2	0.14	2	0.15	2	0.19	3	0.23	3
1951	0.10	5	0.10	4	0.11	4	0.14	4	0.16	4	0.20	4	0.23	4	0.28	4	2.20	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1945	139.0	4	107.0	2	101.0	2	91.0	2	78.0	1	62.0	1	49.0	2	41.0	2	31.0	2
1946	174.0	3	103.0	4	76.0	3	68.0	3	53.0	3	48.0	3	40.0	3	32.0	3	25.0	3
1947	13.0	7	12.0	7	12.0	7	9.8	7	7.3	7	4.9	7	3.8	7	3.0	7	2.2	7
1948	36.0	6	32.0	6	27.0	6	25.0	6	21.0	6	15.0	6	11.0	6	8.9	6	6.4	6
1949	44.0	5	41.0	5	39.0	5	33.0	5	22.0	5	18.0	5	15.0	5	12.0	5	8.2	5
1950	184.0	2	106.0	3	72.0	4	51.0	4	36.0	4	33.0	4	32.0	4	28.0	4	22.0	4
1951	296.0	1	228.0	1	187.0	1	121.0	1	77.0	2	57.0	2	59.0	1	55.0	1	43.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.22	0.48	4.89	6.64	18.0	21.7	31.3	26.9	10.1	0.95	0.45	0.25
0.06	0.20	62.9	55.0	705	255	562	482	137	0.17	0.06	0.02
0.07	0.45	7.93	7.42	26.5	16.0	23.7	22.0	11.7	0.42	0.25	0.12
0.32	2.11	1.59	0.62	2.01	-0.22	0.42	0.92	1.85	-0.48	1.49	1.67
0.31	0.94	1.69	1.12	1.47	0.74	0.76	0.82	1.16	0.44	0.55	0.49
0.18	0.39	3.85	5.46	14.8	17.8	25.7	22.1	8.29	0.78	0.37	0.21

10330500 COTTONWOOD CREEK AT PARADISE VALLEY, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.1	56.7	7.53	0.39	0.75	0.374

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.67	-0.45	-0.13	0.32	0.72	1.06	1.35	1.27	0.71	-0.07	-0.40	-0.64
0.02	0.12	0.86	0.75	0.72	0.50	0.18	0.21	0.38	0.06	0.05	0.04
0.13	0.34	0.93	0.86	0.85	0.71	0.42	0.46	0.61	0.24	0.22	0.19
0.19	0.64	1.01	-0.24	-0.05	-1.40	-0.41	-0.77	-0.49	-1.06	0.44	0.76
-0.20	-0.77	-7.20	2.67	1.18	0.67	0.31	0.36	0.87	-3.46	-0.56	-0.30
-21.7	-14.6	-4.18	10.5	23.4	34.5	43.8	41.2	23.1	-2.24	-12.9	-20.8

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.85	0.20	0.44	-0.73	0.52	0.245

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1945	253.0	1947	16.0	1949	73.0	1951	720.0
1946	264.0	1948	88.0	1950	794.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2277	2.2277
STANDARD DEVIATION	0.6024	0.6024
SKEW COEFFICIENTS		
STATION	-0.6164	-0.6164
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	7	7
PERIOD (YEARS)	7	7

S = SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	2.1	4.7	0.0	0.2	18.5
0.9900	3.6	6.7	1.5	0.3	23.8
0.9500	13.9	17.3	9.4	1.6	49.0
0.9000	26.7	28.6	19.4	3.9	73.7
0.8000	55.8	52.6	42.9	11.1	125.9
0.5000	194.6	168.9	168.9	63.4	450.0
0.2000	554.7	542.8	665.9	226.6	2565.6
0.1000	889.4	999.3	1467.7	387.2	7258.4
0.0400	1394.5	1915.5	3914.3	653.5	23081.2
0.0200	1812.8	2916.4	8405.9	902.2	49502.3
0.0100	2254.2	4256.5	19126.1	1197.5	99014.4

10331500 HUMBOLDT RIVER NEAR ROSE CREEK, NV

LOCATION.--Lat 40°52'05", long 117°59'45", in SE¼NW¼ sec.36, T.35 N., R.35 E., Humboldt County, Hydrologic Unit 16040108, on right bank, 5.5 mi (8.8 km) southwest of Rose Creek, and 15.5 mi (25 km) southwest of Winnemucca.

DRAINAGE AREA.--15,200 mi^2 (39,400 km^2), approximately.

REMARKS.--Many diversions above station for irrigation of 224,000 acres (90.7 km^2), Humboldt Decree, plus additional acreage not covered by decree.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949				1			60	89	25	10	9	6	9	9	8	13	11	6	5	17	32	20	31	4											
1950							58	10	43	24	22	9	6	6	8	8	8	14	23	43	45	12	16	10											
1951									36	27	11	18	12	10	10	8	7	21	28	23	10	11	70	63											
1952									1	40	16	23	25	40	11	11	10	31	19	11	11	7	10	12	8	4	6	23	7	7	6	6	11	10	
1953									4	18	14	43	43	32	32	31	19	41	32	9	14	24	7	2											
1954				36	63	5	9	16	60	22	17	14	33	14	14	11	30	17	3	1															
1955		9	33	21	36	67	66	13	17	26	29	30	2	1	5	3	7																		
1956			22	22	33	13	5	1	4	21	9	8	3	12	8	9	6	8	30	22	18	16	47	29	15	5									
1957									46	25	20	67	15	11	5	6	5	9	18	44	17	21	10	13	19	10	4								
1958										15	45	18	11	36	47	12	16	9	9	7	16	22	14	21	37	25	5								
1959				20	52	26	21	7	4	57	19	28	17	34	19	60	1																		
1960			32	23	83	27	28	12	5	8	16	21	20	17	26	31	13	4																	
1961			38	67	72	16	9	12	15	21	32	33	18	19	5	5	3																		
1962		7	29	34	57	4	1	1	2	9	16	6	5	7	7	5	5	3	5	3	8	24	30	39	19	33	6								
1963							1	4	61	42	34	25	17	16	21	53	13	11	9	5	6	7	6	7	5	14	8								
1964										32	38	34	38	46	29	9	4	6	12	5	5	14	22	32	12	20	8								
1965										28	23	6	5	7	11	6	16	22	24	13	27	30	66	24	38	11	8								
1966					13	28	9	8	17	19	6	8	10	11		27	66	89	17	15	9	13													
1967					26	50	19	8	7	21	20	13	18	11	12	20	23	16	36	6	6	9	14	13	17										
1968					1	11	14	9	25	50	42	50	31	12	17	20	12	15	36	11	10														
1969							20	10	3	20	21	16	15	24	10	20	8	12	26	35	10	6	11	11	20	13	19	12	6	9	8				

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7670	100.0	12	66.0	353	4228	55.1	24	750	190	494	6.4
1	7.00	16	7670	100.0	13	80.0	375	3875	50.5	25	920	135	304	3.9
2	8.60	154	7654	99.8	14	99.0	305	3500	45.6	26	1100	64	169	2.2
3	11.00	224	7500	97.8	15	120.0	368	3195	41.7	27	1400	35	105	1.3
4	13.00	436	7276	94.9	16	150.0	283	2827	36.9	28	1700	13	70	.9
5	16.00	247	6840	89.2	17	180.0	334	2544	33.2	29	2100	16	57	.7
6	19.00	320	6593	86.0	18	220.0	332	2210	28.8	30	2600	14	41	.5
7	24.00	200	6273	81.8	19	270.0	270	1878	24.5	31	3100	6	27	.3
8	29.00	375	6073	79.2	20	330.0	244	1608	21.0	32	3800	11	21	.2
9	36.00	535	5698	74.3	21	410.0	236	1364	17.8	33	4700	10	10	.1
10	44.00	459	5163	67.3	22	500.0	354	1128	14.7	34	5800			
11	54.00	476	4704	61.3	23	610.0	280	774	10.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1950	11.00	4	17.00	8	19.00	8	21.00	8	22.00	8	22.00	8	22.00	7	24.00	7	30.00	7
1951	31.00	12	31.00	12	31.00	12	31.00	10	32.00	11	36.00	12	41.00	12	54.00	16	115.00	19
1952	34.00	13	34.00	13	35.00	13	36.00	13	36.00	13	38.00	13	43.00	13	47.00	13	59.00	13
1953	52.00	19	52.00	19	53.00	19	54.00	19	55.00	19	62.00	19	70.00	19	78.00	19	109.00	17
1954	28.00	10	28.00	10	30.00	10	31.00	11	31.00	9	32.00	9	35.00	9	40.00	11	55.00	11
1955	11.00	5	11.00	4	11.00	4	12.00	4	12.00	4	12.00	4	13.00	4	13.00	4	14.00	3
1956	8.30	2	8.30	2	8.30	1	8.40	1	8.90	1	9.40	1	10.00	1	11.00	1	15.00	5
1957	30.00	11	30.00	11	31.00	11	31.00	12	32.00	10	33.00	10	35.00	10	39.00	10	46.00	8
1958	41.00	18	41.00	18	42.00	18	43.00	18	45.00	18	50.00	18	58.00	18	66.00	18	85.00	16
1959	37.00	17	37.00	16	37.00	15	38.00	14	39.00	14	41.00	14	45.00	15	52.00	14	69.00	15
1960	11.00	6	12.00	5	12.00	5	12.00	5	13.00	5	13.00	5	13.00	5	14.00	5	14.00	4
1961	9.40	3	9.40	3	9.40	3	9.60	3	9.70	2	10.00	2	11.00	2	11.00	2	12.00	1
1962	7.00	1	7.70	1	8.60	2	8.70	2	10.00	3	11.00	3	11.00	3	12.00	3	12.00	2
1963	20.00	9	23.00	9	27.00	9	28.00	9	33.00	12	35.00	11	37.00	11	36.00	9	48.00	9
1964	36.00	15	37.00	17	38.00	17	38.00	15	43.00	17	46.00	17	48.00	17	53.00	15	62.00	14
1965	36.00	16	36.00	15	37.00	16	38.00	16	39.00	15	44.00	16	47.00	16	58.00	17	112.00	18
1966	120.00	20	127.00	20	141.00	20	142.00	20	149.00	20	162.00	20	173.00	20	174.00	20	178.00	20
1967	13.00	7	13.00	6	14.00	6	15.00	6	15.00	6	16.00	6	16.00	6	16.00	6	19.00	6
1968	34.00	14	34.00	14	36.00	14	38.00	17	40.00	16	42.00	15	44.00	14	45.00	12	54.00	10
1969	15.00	8	16.00	7	16.00	7	17.00	7	19.00	7	22.00	7	25.00	8	32.00	8	56.00	12

10331500 HUMBOLDT RIVER NEAR ROSE CREEK, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	630.0 14	629.0 13	614.0 13	584.0 13	576.0 13	522.0 12	460.0 12	410.0 11	301.0 13
1950	681.0 12	674.0 12	663.0 12	633.0 12	581.0 12	470.0 13	427.0 13	400.0 13	335.0 10
1951	744.0 11	741.0 11	734.0 11	703.0 11	649.0 11	626.0 10	632.0 8	624.0 7	534.0 6
1952	5790.0 1	5750.0 1	5530.0 1	5090.0 1	4340.0 1	3140.0 1	2480.0 1	2000.0 1	1400.0 1
1953	632.0 13	615.0 14	596.0 14	529.0 14	419.0 14	314.0 14	281.0 14	245.0 15	244.0 14
1954	271.0 17	253.0 17	226.0 17	204.0 17	191.0 17	175.0 17	149.0 17	131.0 17	102.0 17
1955	176.0 19	167.0 19	161.0 19	137.0 20	97.0 21	65.0 21	62.0 21	57.0 21	46.0 21
1956	940.0 9	929.0 9	916.0 9	868.0 9	800.0 9	707.0 9	658.0 7	609.0 8	494.0 8
1957	1130.0 7	1120.0 7	1100.0 8	1040.0 8	932.0 8	773.0 7	616.0 9	537.0 9	447.0 9
1958	1160.0 5	1150.0 5	1110.0 6	1050.0 7	955.0 7	915.0 4	857.0 3	757.0 4	593.0 5
1959	169.0 20	147.0 21	145.0 20	145.0 19	141.0 18	133.0 18	124.0 18	115.0 18	94.0 18
1960	184.0 18	182.0 18	173.0 18	157.0 18	140.0 19	119.0 19	115.0 19	110.0 19	86.0 19
1961	161.0 21	152.0 20	145.0 21	122.0 21	99.0 20	75.0 20	71.0 20	68.0 20	56.0 20
1962	1150.0 6	1150.0 6	1120.0 5	1090.0 5	1050.0 3	920.0 3	839.0 4	772.0 3	644.0 4
1963	1170.0 4	1170.0 4	1150.0 4	1100.0 3	993.0 6	713.0 8	541.0 10	430.0 10	325.0 11
1964	1110.0 8	1100.0 8	1100.0 7	1090.0 6	1030.0 4	820.0 6	766.0 6	691.0 6	502.0 7
1965	1190.0 3	1180.0 3	1160.0 3	1100.0 4	995.0 5	872.0 5	805.0 5	734.0 5	654.0 3
1966	484.0 15	473.0 15	465.0 15	443.0 15	384.0 15	311.0 15	271.0 15	246.0 14	227.0 15
1967	880.0 10	873.0 10	857.0 10	839.0 10	755.0 10	614.0 11	472.0 11	407.0 12	322.0 12
1968	391.0 16	372.0 16	351.0 16	341.0 16	303.0 16	202.0 16	163.0 16	164.0 16	157.0 16
1969	3050.0 2	3020.0 2	2970.0 2	2670.0 2	2220.0 2	1730.0 2	1440.0 2	1210.0 2	891.0 2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
35.1	44.2	68.8	92.7	169	271	436	535	528	385	88.7	42.6
832	1320	3466	6068	16170	26670	182706	757900	182600	85850	4946	1501
28.8	36.3	58.9	77.9	127	163	427	871	427	293	70.3	38.7
3.13	2.76	1.55	1.07	1.34	0.53	1.83	3.47	0.76	0.17	1.24	2.79
0.82	0.82	0.86	0.84	0.75	0.60	0.98	1.63	0.81	0.76	0.79	0.91
1.30	1.64	2.55	3.44	6.26	10.0	16.2	19.9	19.6	14.3	3.29	1.58

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
228	29940	173	1.34	0.76	0.081

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.45	1.54	1.69	1.79	2.10	2.34	2.45	2.38	2.49	2.34	1.78	1.50
0.08	0.09	0.15	0.18	0.14	0.11	0.18	0.32	0.31	0.34	0.19	0.12
0.28	0.30	0.38	0.43	0.37	0.33	0.43	0.56	0.55	0.58	0.44	0.34
0.35	0.21	-0.07	-0.27	-0.58	-0.85	-0.07	0.25	-0.92	-0.90	-0.54	0.09
0.19	0.20	0.23	0.24	0.18	0.14	0.17	0.24	0.22	0.25	0.25	0.23
6.09	6.47	7.07	7.52	8.79	9.79	10.3	9.97	10.5	9.82	7.45	6.29

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.15	0.38	-0.53	0.17	0.245

10331500 HUMBOLDT RIVER NEAR ROSE CREEK, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1948	708.0	1954	278.0	1960	203.0	1965	1210.0
1949	639.0	1955	214.0	1961	205.0	1966	499.0
1950	684.0	1956	950.0	1962	1160.0	1967	880.0
1951	747.0	1957	1140.0	1963	1710.0	1968	430.0
1952	5810.0	1958	1170.0	1964	1120.0	1969	3060.0
1953	644.0	1959	230.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	2.8630	2.8630	
STANDARD DEVIATION	0.3761	0.3761	
SKEW COEFFICIENTS			
STATION	0.3552	0.3552	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	22	22	
PERIOD (YEARS)	22	22	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	104.6	78.4	59.2	34.0	133.0
0.9900	122.3	97.3	78.5	45.1	159.1
0.9500	192.6	175.6	158.7	96.7	261.9
0.9000	249.8	240.5	223.0	144.2	344.2
0.8000	348.2	352.0	338.7	231.0	485.1
0.5000	693.1	729.5	729.5	532.9	998.5
0.2000	1483.6	1511.9	1571.1	1097.0	2303.8
0.1000	2275.1	2212.9	2386.3	1546.1	3690.2
0.0400	3672.9	3321.9	3750.5	2198.0	6186.2
0.0200	5069.4	4318.8	5146.4	2745.1	8680.0
0.0100	6833.0	5468.6	6782.9	3345.1	11798.4

10332200 RASPBERRY CREEK NEAR MILL CITY, NV

LOCATION.--Lat 40°47'14", long 117°59'54", in SW¼SW¼ sec.25, T.34 N., R.35 E., Pershing County, Hydrologic Unit 16040108, at culvert on access road, upstream from Cosgrave Interchange on Interstate Highway 80, and 8.5 mi (13.7 km) northeast of Mill City.

DRAINAGE AREA.--9.38 mi^2 (24.29 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	8.0	1965	4.0	1969	5.0	1973	25.0
1962	2.0	1966	0.1	1970	2.0	1974	2.0
1963	0.3	1967	2.0	1971	0.1	1975	0.1
1964	0.4	1968	0.1	1972	0.2	1976	2.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	-0.0320	-0.0320	
STANDARD DEVIATION	0.7736	0.7736	
SKEW COEFFICIENTS			
STATION	0.0791	0.0791	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	1.0000	1.0000	
NUMBER OF PEAKS	16	16	
PERIOD (YEARS)	16	16	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.1	0.0	0.0	0.0	0.1
0.9000	0.1	0.1	0.1	0.0	0.2
0.8000	0.2	0.2	0.2	0.1	0.4
0.5000	0.9	0.9	0.9	0.4	2.0
0.2000	4.1	4.2	4.6	1.9	12.0
0.1000	9.2	9.1	11.3	3.9	33.5
0.0400	22.0	21.0	29.4	7.9	103.4
0.0200	38.9	36.0	58.0	12.4	216.7
0.0100	64.9	58.6	116.5	18.4	424.0

10333000 HUMBOLDT RIVER NEAR IMLAY, NV

LOCATION.--Lat 40°41'30", long 118°12'10", in SW¼SE¼ sec.25, T.33 N., R.33 E., Pershing County, Hydrologic Unit 16040108, on right bank 1 mi (2 km) upstream from Callahan bridge and 4 mi (6 km) northwest of Imlay.

DRAINAGE AREA.--15,700 mi^2 (40,660 km^2), approximately.

REMARKS.--Flow affected by many diversions above station for irrigation, Humboldt Decree, 226,000 acres (915 km^2); additional acreage not covered in decree.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1936	92							6		3	1	78	1	1	1	1		5	17	7	14	11	19	43	10	56									
1937	15							10		10	70	20	31	13	1	16	22	19	16	25	16	15	24	14	28									
1938	92											10	1	75	2	2	6	9	12	8	12	8	47	12	52	17								
1939	14											32	30	73	72	22	10	6	4	8	4	8	17	18	19	28								
1940	123											14		45	18	11	5	13	4	13	16	21	38	41	4									
1941	156													15		15	20	12	6	4	2	2	16	35	23	55	4							
1942	15											30		33		15		6	1	3	8	16	34	31	30	16	41	13	52	21				
1946																			19	21	35	21	46	48	47	23	30	61	14					
1947																13	26	18	11	25	41	83	71	65	12									
1948															11	25	56	23	19	36	70	44	42	23	17									
1949															1	82	91	12	11	12	17	17	12	14	42	36	18							
1950																58	23	32	29	25	15	12	22	55	61	19	14							
1951																		59	21	25	12	13	29	49	15	54	88							
1952																	2	36	23	57	34	11	35	35	16	16	16	11	16	23	10	11	13	1
1953															25	26	24	41	27	43	34	61	21	17	33	13								
1954	20	4		1	1		2	3	7	3	10	5	18	25	6	17	21	62	30	37	31	11	47	4									
1955							5	4	8	7	4	20	4	26	25	117	31	42	47	10	7	8												
1956												9	16	21	17	31	4	21	14	13	14	11	12	50	23	43	55	12						
1957																		51	80	44	12	6	9	56	36	24	24	23						
1958																			70	31	67	23	15	16	23	32	56	32						
1959				5	4	12	10	4	23	7	10	3	6	12	13	8	15	55	41	31	41	63	2											
1960												1	41	24	88	42	14	7	37	26	49	29	8											
1961												19	32	38	40	76	37	26	56	24	10	7												
1962											1	6	24	35	50	16	5		21	11	11	11	8	6	11	47	59	43						
1963																2	31	69	45	35	48	46	20	13	12	12	9	18	5					
1964																		20	57	37	89	26	8	14	8	33	41	33						
1965																		18	32	13	16	18	26	29	66	105	21	15	6					
1966														1	41	16	15	11	16	20	38	89	89	29										
1967															32	48	20	16	39	31	20	40	26	32	8	29	18	6						
1968															11	17	16	67	67	57	24	27	29	43	8									
1969															2	20	11	21	29	19	35	32	21	50	21	21	21	10	27	11	14			
1970													2	26	35	10	1	13	27	17	13	19	39	61	52	18	30	2						
1971																			2	45	45	28	36	25	45	19	39	20	12	49				
1972																	16	26	21	32	37	43	39	47	32	28	21	24						
1973										1	17	4	6	12	2	5	21	69	16	4	3	21	25	22	9	36	41	51						
1974													23			1	31	11	19	17	21	64	44	43	25	26	34	6						
1975																	31	29	42	33	8	17	16	19	12	42	31	14	28	24	19			
1976																1	13	29	19	18	40	25	65	97	46	13								

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	527	13880	100.0
1	0.10	4	13353	96.2
2	0.20	0	13349	96.2
3	0.30	6	13349	96.2
4	0.40	5	13343	96.1
5	0.50	12	13338	96.1
6	0.70	17	13326	96.0
7	1.00	27	13309	95.9
8	1.40	38	13282	95.7
9	2.00	31	13244	95.4
10	2.80	113	13213	95.2
11	3.90	251	13100	94.4
12	5.4	235	12849	92.6
13	7.6	475	12614	90.9
14	11.0	493	12139	87.5
15	15.0	713	11646	83.9
16	21.0	618	10933	78.8
17	29.0	954	10315	74.3
18	40.0	1047	9361	67.4
19	56.0	917	8314	59.9
20	78.0	1009	7397	53.3
21	110.0	1007	6388	46.0
22	150.0	1057	5381	38.8
23	210.0	1156	4324	31.2
24	300	846	3168	22.8
25	420	861	2322	16.7
26	580	711	1461	10.5
27	810	394	750	5.4
28	1100	160	356	2.5
29	1600	128	196	1.4
30	2200	43	68	.4
31	3100	11	25	.1
32	4300	13	14	.1
33	6000	1	1	
34				

10333000 HUMBOLDT RIVER NEAR IMLAY, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1937	1.00	7	1.00	7	1.00	6	1.00	6	1.50	6	2.70	6	3.80	5	4.20	4	6.60	4
1938	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	1.00	3	3.80	3
1939	5.00	10	5.00	10	5.00	10	5.00	10	5.00	9	5.90	9	7.10	8	8.00	8	11.00	8
1940	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	1	1.90	2
1941	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2	1.20	1
1942	5.00	11	5.00	11	5.00	11	5.00	11	5.00	10	7.50	12	9.50	11	14.00	12	63.00	25
1947	42.00	31	45.00	32	48.00	33	48.00	33	51.00	32	67.00	33	83.00	33	101.00	33	123.00	32
1948	19.00	21	19.00	20	20.00	20	20.00	19	22.00	19	22.00	19	24.00	19	26.00	16	41.00	15
1949	14.00	17	14.00	17	14.00	16	14.00	16	15.00	17	15.00	15	16.00	14	18.00	13	20.00	12
1950	17.00	19	17.00	18	17.00	18	17.00	18	18.00	18	19.00	18	19.00	16	21.00	14	31.00	13
1951	30.00	25	30.00	25	30.00	24	30.00	24	31.00	24	34.00	24	40.00	26	54.00	29	112.00	31
1952	23.00	23	26.00	23	31.00	25	32.00	25	33.00	25	35.00	25	39.00	25	44.00	26	56.00	23
1953	13.00	16	13.00	16	14.00	17	14.00	17	14.00	15	17.00	16	21.00	17	30.00	19	57.00	24
1954	27.00	24	27.00	24	28.00	23	28.00	23	30.00	23	31.00	22	33.00	23	38.00	23	52.00	21
1955	0.00	4	0.00	4	0.00	4	0.00	4	0.23	4	1.70	5	3.90	6	5.40	6	8.80	6
1956	0.80	6	0.87	6	1.00	7	1.20	7	1.90	7	3.40	7	4.90	7	6.50	7	12.00	9
1957	31.00	26	31.00	26	32.00	26	33.00	26	33.00	26	35.00	26	37.00	24	40.00	24	46.00	17
1958	42.00	32	42.00	31	43.00	31	44.00	31	44.00	31	47.00	31	54.00	31	61.00	31	80.00	29
1959	37.00	30	37.00	30	37.00	30	38.00	30	38.00	28	41.00	28	45.00	28	51.00	27	66.00	27
1960	0.30	5	0.30	5	0.33	5	0.41	5	0.55	5	1.00	4	2.40	4	4.40	5	7.30	5
1961	5.20	12	5.40	12	5.70	12	5.90	12	6.30	12	7.00	11	7.70	10	9.50	10	12.00	10
1962	3.00	9	3.70	9	4.60	9	4.70	9	5.70	11	6.50	10	7.50	9	8.40	9	9.40	7
1963	18.00	20	20.00	21	23.00	21	25.00	22	26.00	21	31.00	23	31.00	22	33.00	21	47.00	18
1964	34.00	28	34.00	28	34.00	27	35.00	27	40.00	30	42.00	29	46.00	29	52.00	28	65.00	26
1965	35.00	29	36.00	29	36.00	29	37.00	29	39.00	29	44.00	30	49.00	30	58.00	30	111.00	30
1966	77.00	36	84.00	36	85.00	36	91.00	36	105.00	36	127.00	36	142.00	36	155.00	36	153.00	35
1967	10.00	14	11.00	14	11.00	14	12.00	14	12.00	14	12.00	14	13.00	12	14.00	11	18.00	11
1968	32.00	27	33.00	27	34.00	28	35.00	28	36.00	27	38.00	27	41.00	27	43.00	25	55.00	22
1969	12.00	15	12.00	15	13.00	15	14.00	15	15.00	16	18.00	17	22.00	18	27.00	17	51.00	20
1970	7.50	13	7.60	13	7.90	13	8.70	13	9.60	13	11.00	13	16.00	15	23.00	15	50.00	19
1971	58.00	34	59.00	34	60.00	34	65.00	34	74.00	34	75.00	34	88.00	34	111.00	34	129.00	34
1972	46.00	33	46.00	33	46.00	32	48.00	32	53.00	33	59.00	32	75.00	32	87.00	32	128.00	33
1973	16.00	18	17.00	19	19.00	19	23.00	20	28.00	22	29.00	21	30.00	21	30.00	18	43.00	16
1974	2.40	8	3.10	8	3.40	8	3.60	8	4.70	8	5.80	8	13.00	13	34.00	22	75.00	28
1975	22.00	22	22.00	22	23.00	22	23.00	21	24.00	20	26.00	20	28.00	20	32.00	20	41.00	14
1976	74.00	35	74.00	35	76.00	35	80.00	35	88.00	35	105.00	35	128.00	35	149.00	35	178.00	36

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1936	564.0	23	555.0	23	517.0	23	493.0	23	482.0	23	470.0	22	402.0	23	359.0	23	267.0	24
1937	405.0	29	402.0	29	398.0	28	389.0	28	367.0	28	274.0	27	200.0	28	168.0	32	137.0	32
1938	480.0	27	457.0	27	433.0	27	425.0	27	398.0	26	385.0	25	341.0	24	299.0	24	223.0	25
1939	497.0	26	494.0	26	479.0	25	476.0	24	455.0	24	389.0	24	319.0	25	251.0	26	170.0	28
1940	363.0	32	332.0	32	302.0	32	285.0	32	255.0	32	210.0	30	193.0	30	187.0	29	134.0	33
1941	588.0	22	585.0	22	578.0	22	555.0	22	521.0	22	490.0	21	434.0	21	385.0	21	278.0	22
1942	2130.0	4	2100.0	4	2010.0	4	1920.0	4	1750.0	5	1540.0	5	1380.0	4	1220.0	4	937.0	4
1946	1210.0	6	1210.0	6	1200.0	6	1160.0	6	1100.0	6	1030.0	6	949.0	6	857.0	6	674.0	6
1947	376.0	31	366.0	30	359.0	30	330.0	30	277.0	30	221.0	29	198.0	29	194.0	28	179.0	27
1948	414.0	28	411.0	28	390.0	29	365.0	29	304.0	29	209.0	31	177.0	32	180.0	30	161.0	30
1949	639.0	20	636.0	20	626.0	21	587.0	21	584.0	20	522.0	20	457.0	19	408.0	17	298.0	21
1950	639.0	21	634.0	21	630.0	20	613.0	20	563.0	21	457.0	23	413.0	22	386.0	20	325.0	18
1951	730.0	19	727.0	19	717.0	19	689.0	19	639.0	19	628.0	17	629.0	14	610.0	11	520.0	11
1952	6020.0	1	5930.0	1	5650.0	1	5090.0	1	4220.0	1	3030.0	1	2410.0	1	1940.0	1	1360.0	1
1953	534.0	24	524.0	24	500.0	24	443.0	26	377.0	27	270.0	28	212.0	27	221.0	27	202.0	26
1954	270.0	34	253.0	34	228.0	34	206.0	34	193.0	34	173.0	34	146.0	34	128.0	34	99.0	34
1955	146.0	37	142.0	37	135.0	37	115.0	37	80.0	38	55.0	38	53.0	38	50.0	38	40.0	38
1956	878.0	16	876.0	15	867.0	15	835.0	15	777.0	15	699.0	14	657.0	11	606.0	12	487.0	12
1957	1030.0	14	1030.0	14	1020.0	14	974.0	13	891.0	13	750.0	12	605.0	15	525.0	15	441.0	14
1958	1060.0	12	1050.0	13	1040.0	12	972.0	14	856.0	14	812.0	9	776.0	9	698.0	9	551.0	9
1959	162.0	36	147.0	36	146.0	36	144.0	35	142.0	35	132.0	35	121.0	35	111.0	35	89.0	35
1960	170.0	35	166.0	35	157.0	35	142.0	36	124.0	36	103.0	36	102.0	36	97.0	36	76.0	36
1961	129.0	38	125.0	38	121.0	38	102.0	38	80.0	37	56.0	37	55.0	37	53.0	37	44.0	37
1962	1070.0	10	1060.0	10	1040.0	13	999.0	12	968.0	9	852.0	8	780.0	8	722.0	8	608.0	7
1963	1130.0	8	1130.0	8	1100.0	8	1060.0	7	933.0	11	673.0	15	512.0	17	408.0	18	306.0	19
1964	1070.0	11	1060.0	11	1060.0	10	1050.0	8	991.0	7	796.0	10	740.0	10	666.0	10	484.0	13
1965	1140.0	7	1140.0	7	1120.0	7	1040.0	10	902.0	12	735.0	13	644.0	12	588.0	13	551.0	10

10333000 HUMBOLDT RIVER NEAR IMLAY, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1966	294.0 33	293.0 33	280.0 33	250.0 33	217.0 33	190.0 32	183.0 31	171.0 31	165.0 29
1967	880.0 15	869.0 16	832.0 16	796.0 16	701.0 18	581.0 19	439.0 20	376.0 22	301.0 20
1968	378.0 30	343.0 31	317.0 31	299.0 31	262.0 31	189.0 33	158.0 33	144.0 33	142.0 31
1969	2730.0 2	2710.0 2	2650.0 2	2470.0 2	2130.0 2	1670.0 4	1330.0 5	1090.0 5	808.0 5
1970	832.0 17	815.0 18	804.0 18	784.0 18	726.0 17	589.0 18	483.0 18	403.0 19	358.0 17
1971	1890.0 5	1890.0 5	1870.0 5	1840.0 5	1800.0 4	1690.0 3	1430.0 3	1250.0 3	953.0 3
1972	1090.0 9	1090.0 9	1090.0 9	1050.0 9	952.0 10	767.0 11	630.0 13	542.0 14	439.0 15
1973	1050.0 13	1050.0 12	1040.0 11	1020.0 11	968.0 8	893.0 7	824.0 7	743.0 7	578.0 8
1974	827.0 18	823.0 17	816.0 17	795.0 17	749.0 16	638.0 16	552.0 16	474.0 16	377.0 16
1975	2550.0 3	2540.0 3	2480.0 3	2230.0 3	2050.0 3	1890.0 2	1590.0 2	1340.0 2	1030.0 2
1976	504.0 25	499.0 25	474.0 26	448.0 25	412.0 25	355.0 26	312.0 26	293.0 25	268.0 23

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
31.6	44.5	71.6	91.5	155	275	415	546	566	435	103	38.9
941	2271	5294	6906	15340	31850	100400	528800	293000	166900	10710	1496
30.7	47.7	72.8	83.1	124	178	317	727	541	409	103	38.7
1.53	1.53	1.07	1.11	0.72	0.74	1.12	3.25	1.37	1.36	1.71	1.79
0.97	1.07	1.02	0.91	0.80	0.65	0.76	1.33	0.96	0.94	1.00	1.00
1.14	1.60	2.58	3.30	5.60	9.91	15.0	19.7	20.4	15.7	3.73	1.40

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
225	27330	165	1.15	0.74	0.100

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.24	1.35	1.52	1.68	1.93	2.34	2.48	2.45	2.50	2.35	1.76	1.38
0.33	0.38	0.46	0.41	0.41	0.10	0.14	0.28	0.31	0.46	0.33	0.22
0.58	0.61	0.68	0.64	0.64	0.32	0.38	0.53	0.55	0.68	0.57	0.47
-0.92	-0.88	-0.96	-1.14	-1.34	-0.46	-0.43	-0.11	-0.78	-1.59	-1.12	-0.28
0.46	0.45	0.45	0.38	0.33	0.14	0.15	0.22	0.22	0.29	0.32	0.34
5.41	5.89	6.62	7.30	8.39	10.2	10.8	10.7	10.9	10.2	7.66	5.99

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.23	0.13	0.36	-0.45	0.16	0.303

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1936	564.0	1949	644.0	1959	178.0	1968	402.0
1937	405.0	1950	648.0	1960	171.0	1969	2750.0
1938	480.0	1951	736.0	1961	136.0	1970	860.0
1939	497.0	1952	6080.0	1962	1070.0	1971	1910.0
1940	363.0	1953	538.0	1963	1130.0	1972	1100.0
1941	588.0	1954	276.0	1964	1080.0	1973	1060.0
1945	2220.0	1955	152.0	1965	1150.0	1974	838.0
1946	1210.0	1956	882.0	1966	320.0	1975	2580.0
1947	382.0	1957	1040.0	1967	918.0	1976	515.0
1948	430.0	1958	1060.0				

10333000 HUMBOLDT RIVER NEAR IMLAY, NV--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8410	2.8410
STANDARD DEVIATION	0.3580	0.3580
SKEW COEFFICIENTS		
STATION	0.1691	0.1691
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0293 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	38	38
PERIOD (YEARS)	38	38

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	94.5	84.8	72.0	48.8	125.8
0.9900	112.9	103.7	91.5	62.2	149.6
0.9500	186.1	179.9	170.4	120.5	242.4
0.9000	245.0	241.7	232.0	170.9	315.5
0.8000	344.4	346.0	339.0	259.1	438.5
0.5000	677.5	690.6	690.6	551.9	864.0
0.2000	1377.2	1386.1	1415.7	1094.0	1850.9
0.1000	2022.2	1999.5	2085.6	1530.9	2830.3
0.0400	3077.0	2960.7	3173.6	2171.7	4506.5
0.0200	4058.4	3818.7	4234.1	2714.5	6114.9
0.0100	5225.6	4804.2	5480.0	3314.1	8066.3

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV

LOCATION.--Lat 40°28'00", long 118°18'20", in SE¼NE¼ sec.18, T.30 N., R.33 E., Pershing County, Hydrologic Unit 16040108, on left bank 1,000 ft (300 m) downstream from Rye Patch Dam and 1.5 mi (2.4 km) northwest of Rye Patch.

DRAINAGE AREA.--16,100 mi² (41,700 km²), approximately.

REMARKS.--Flow completely regulated by Rye Patch Reservoir, capacity 157,200 acre-ft (194 hm³) since Feb. 20, 1936. Many diversions above station for irrigation: Humboldt Decree, 226,000 acres (915 km²); additional acreage not covered by decree.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1902																5	34	45	54	48	68	45	25	20	16	3	2								
1903																7	53	52	22	17	38	54	49	25	18	27	3								
1904										3			8	6	24	36	67	18	5	6	12	12	10	9	11	18	55	61	5						
1905	14				1		1	4	3	1	4	5	5	10	16	26	17	4	7	15	41	36	58	59	32	6									
1906															2	11	16	35	17	37	26	37	29	13	15	25	24	55	23						
1907																12	26	6	10	9	13	17	19	29	20	22	17	28	45	43	47	2			
1908																3	15	17	19	38	14	8	57	62	92	22	18	1							
1909													5	4	2	6	8	5	46	21	8	40	3	22	32	76	71	16							
1912															1	13	55	69	5	12	42	31	32	13	41	16	5	16	14	1					
1913																	4	34	39	36	29	34	46	52	52	20	16	2		1					
1914																		10	25	16	19	26	30	29	17	9	32	31	47	52	22				
1915	50	3		1	1	1	1	5	3	2	2	1	2	1	2	6	17	68	21	21	28	44	39	40	6										
1916										2	3	3	4	16	38	60	36	5	3	16	41	20	24	22	17	21	8	27							
1918	12					1		3	1	4	3	2	15	15	69	18	15	29	6	16	35	56	37	28											
1919	63					1		1		15	8	23	22	15	29	21	12	22	24	33	8	21	11	6	16	14									
1920	148					11		22	5	4	5	19	39	51	44	6	3			3	6														
1921	26													10	12	14	8	13	32	21	5	20	24	11	5	18	20	68	26	15	17				
1922													4	28	17	2	44	3	19	23	15	6	1	48	23	19	4	16	57	19	13	4			
1931	275					1		2	2	5	2	4	3	2	5	3	8	12	25	8	8														
1932	152															1	2	7	38	4	18	23	15	11	31	20	44								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	740	7306	100.0	12	5.8	76	6420	87.9	24	250	442	1918	26.2
1	0.10	3	6566	89.9	13	7.9	154	6344	86.8	25	340	349	1476	20.2
2	0.20	0	6563	89.8	14	11.0	197	6190	84.7	26	460	309	1127	15.4
3	0.30	1	6563	89.8	15	15.0	348	5993	82.0	27	630	365	818	11.1
4	0.50	2	6562	89.8	16	20.0	449	5645	77.3	28	860	217	453	6.2
5	0.70	1	6560	89.8	17	28.0	424	5196	71.1	29	1200	131	236	3.2
6	0.90	16	6559	89.8	18	38.0	394	4772	65.3	30	1600	99	105	1.4
7	1.20	9	6543	89.6	19	52.0	429	4378	59.9	31	2200	6	6	
8	1.70	34	6534	89.4	20	71.0	463	3949	54.1	32	3000			
9	2.30	16	6500	89.0	21	97.0	505	3486	47.7	33				
10	3.10	37	6484	88.7	22	130.0	546	2981	40.8	34				
11	4.20	27	6447	88.2	23	180.0	517	2435	33.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1898	22.00	18	22.00	18	22.00	16	24.00	17	27.00	15	34.00	14	40.00	14	50.00	14	104.00	16
1902	10.00	12	11.00	12	12.00	12	13.00	12	17.00	11	26.00	11	31.00	12	33.00	12	44.00	10
1903	19.00	16	19.00	16	22.00	17	23.00	16	28.00	16	29.00	12	29.00	11	31.00	11	44.00	11
1904	7.00	10	7.00	10	8.70	10	12.00	9	15.00	9	17.00	9	17.00	8	17.00	7	26.00	7
1905	3.00	8	3.00	8	5.30	8	12.00	10	18.00	12	41.00	18	54.00	18	71.00	18	123.00	18
1906	0.00	1	0.00	1	0.00	1	0.04	6	1.40	5	6.10	6	23.00	10	30.00	10	51.00	12
1907	16.00	13	16.00	13	16.00	13	19.00	13	29.00	17	35.00	15	40.00	15	54.00	15	99.00	15
1908	153.00	20	156.00	20	159.00	20	161.00	20	166.00	20	174.00	20	193.00	20	207.00	20	229.00	20
1909	16.00	14	16.00	14	18.00	14	22.00	15	25.00	13	37.00	17	51.00	17	63.00	16	118.00	17
1912	7.00	11	7.70	11	9.30	11	12.00	11	16.00	10	19.00	10	20.00	9	23.00	9	27.00	8
1913	30.00	19	30.00	19	30.00	18	30.00	18	30.00	18	35.00	16	45.00	16	66.00	17	81.00	14
1914	20.00	17	22.00	17	32.00	19	38.00	19	45.00	19	73.00	19	93.00	19	115.00	19	170.00	19
1915	19.00	15	19.00	15	19.00	15	20.00	14	26.00	14	32.00	13	38.00	13	36.00	13	55.00	13
1916	0.00	2	0.00	2	0.00	2	0.00	1	0.00	1	0.12	3	1.80	3	4.30	3	9.40	4
1917	2.00	7	2.00	7	2.00	7	2.00	7	2.00	7	2.80	5	5.40	5	8.10	5	13.00	5
1919	0.00	3	0.00	3	0.00	3	0.00	2	1.90	6	6.50	7	11.00	6	13.00	6	15.00	6
1920	0.00	4	0.00	4	0.00	4	0.00	3	0.00	2	1.60	4	4.90	4	6.40	4	6.00	3
1921	0.00	5	0.00	5	0.00	5	0.00	4	0.00	3	0.00	1	0.09	2	1.90	2	3.10	2
1922	6.00	9	6.30	9	7.70	9	8.90	8	10.00	8	12.00	8	15.00	7	22.00	8	44.00	9
1932	0.00	6	0.00	6	0.00	6	0.00	5	0.00	4	0.00	2	0.00	1	0.00	1	0.00	1

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1902	511.0	15	471.0	15	406.0	15	347.0	15	289.0	15	210.0	17	167.0	18	144.0	18	128.0	18
1903	580.0	14	538.0	14	463.0	14	433.0	14	360.0	14	262.0	14	245.0	14	247.0	13	206.0	13
1904	950.0	8	939.0	7	900.0	7	804.0	7	734.0	7	658.0	6	662.0	6	643.0	6	506.0	6
1905	440.0	16	373.0	16	343.0	16	304.0	16	278.0	16	259.0	15	244.0	15	225.0	14	180.0	14
1906	1010.0	7	1000.0	6	980.0	6	944.0	6	881.0	5	788.0	5	760.0	5	710.0	5	536.0	5
1907	2220.0	2	2210.0	2	2190.0	2	2140.0	1	2060.0	1	1710.0	1	1520.0	1	1500.0	1	1250.0	1
1908	670.0	12	630.0	12	586.0	12	545.0	12	457.0	12	317.0	13	296.0	12	285.0	11	253.0	12
1909	680.0	11	675.0	11	648.0	11	626.0	11	616.0	10	582.0	9	528.0	8	515.0	7	481.0	7
1912	1240.0	6	1170.0	5	1140.0	5	1040.0	5	876.0	6	635.0	8	511.0	9	437.0	9	326.0	9
1913	1270.0	5	881.0	8	695.0	10	631.0	10	500.0	11	412.0	11	338.0	11	279.0	12	266.0	11
1914	2000.0	3	1990.0	3	1960.0	3	1830.0	3	1650.0	3	1540.0	2	1410.0	2	1340.0	2	1110.0	2
1915	318.0	17	296.0	17	267.0	18	248.0	18	200.0	18	193.0	18	180.0	17	165.0	17	133.0	17
1916	788.0	9	775.0	9	757.0	8	745.0	8	711.0	8	561.0	10	452.0	10	367.0	10	282.0	10
1918	291.0	18	286.0	18	278.0	17	261.0	17	248.0	17	231.0	16	210.0	16	194.0	16	161.0	15
1919	585.0	13	561.0	13	543.0	13	504.0	13	439.0	13	325.0	12	253.0	13	208.0	15	147.0	16
1920	120.0	19	120.0	19	107.0	20	58.0	20	29.0	20	20.0	20	18.0	20	16.0	20	12.0	20
1921	1960.0	4	1940.0	4	1860.0	4	1760.0	4	1600.0	4	1250.0	4	1090.0	4	1010.0	4	810.0	4
1922	2260.0	1	2250.0	1	2200.0	1	2050.0	2	1770.0	2	1440.0	3	1280.0	3	1120.0	3	827.0	3
1931	113.0	20	113.0	20	111.0	19	90.0	19	64.0	19	63.0	19	45.0	19	34.0	19	22.0	19
1932	716.0	10	713.0	10	697.0	9	688.0	9	674.0	9	652.0	7	569.0	7	492.0	8	360.0	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
39.9	42.5	67.4	92.5	163	301	476	527	446	517	159	53.0
1304	2172	5825	9837	25400	95080	189200	417100	296400	246200	25240	3547
36.1	46.6	76.3	99.2	159	308	435	646	544	496	159	59.6
2.01	2.15	1.44	0.99	1.58	1.94	1.51	1.93	1.58	1.38	1.66	1.73
0.90	1.10	1.13	1.07	0.97	1.03	0.91	1.23	1.22	0.96	1.00	1.12
1.38	1.47	2.34	3.21	5.67	10.4	16.5	18.3	15.5	17.9	5.50	1.84

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
228	36750	192	1.29	0.84	0.025

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.38	1.39	1.46	1.58	1.89	2.27	2.45	2.40	2.10	2.36	1.80	1.27
0.32	0.29	0.50	0.54	0.54	0.21	0.28	0.35	1.13	0.69	0.77	0.82
0.56	0.54	0.71	0.74	0.73	0.46	0.53	0.59	1.06	0.83	0.88	0.90
-1.41	-1.11	-0.84	-0.80	-1.41	-0.37	-1.10	-0.23	-1.81	-1.84	-1.52	-1.30
0.41	0.39	0.48	0.47	0.39	0.20	0.22	0.25	0.51	0.35	0.49	0.71
6.18	6.23	6.55	7.07	8.44	10.2	11.0	10.7	9.39	10.5	8.04	5.67

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.17	0.24	0.49	-1.23	0.23	0.043

10335000 HUMBOLDT RIVER NEAR RYE PATCH, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1896	1510.0	1905	440.0	1913	1270.0	1920	185.0
1897	3050.0	1906	1010.0	1914	2000.0	1921	1980.0
1898	642.0	1907	2220.0	1915	322.0	1922	2280.0
1900	561.0	1908	670.0	1916	793.0	1927	370.0
1901	2620.0	1909	680.0	1917	1910.0	1928	498.0
1902	511.0	1911	760.0	1918	551.0	1930	230.0
1903	580.0	1912	1240.0	1919	1280.0	1931	117.0
1904	950.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9060	2.9060
STANDARD DEVIATION	0.3572	0.3572
SKEW COEFFICIENTS		
STATION	-0.3666	-0.3666
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0196 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	29	29
PERIOD (YEARS)	29	29

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	73.0	95.3	77.0	49.1	149.2
0.9900	95.5	117.4	99.6	63.7	178.0
0.9500	192.1	207.2	192.7	128.9	290.2
0.9000	273.2	280.2	265.2	186.3	378.6
0.8000	410.6	403.3	392.3	287.6	527.3
0.5000	846.7	807.5	807.5	624.2	1044.8
0.2000	1626.3	1610.5	1655.1	1231.8	2259.0
0.1000	2225.8	2306.9	2434.3	1707.8	3467.5
0.0400	3048.6	3380.3	3688.9	2389.7	5531.3
0.0200	3695.6	4323.9	4913.6	2955.4	7503.1
0.0100	4363.2	5393.5	6329.1	3570.1	9883.8

10336000 HUMBOLDT RIVER NEAR LOVELOCK, NV

LOCATION.--Lat 40°03'05", long 118°28'05", in SE¼NW¼ sec.11, T.25 N., R.31 E., Pershing County, Hydrologic Unit 16040108, on right bank, 900 ft (270 m) below breached dam of Lovelock Land and Development Company, and 9 mi (14 km) south of Lovelock.

DRAINAGE AREA.--16,600 mi^2 (43,000 km^2), approximately.

REMARKS.--Flow regulated by Rye Patch Reservoir since Feb. 20, 1936, and affected by irrigation in Lovelock Valley. Records after construction of reservoir are not used on this treatise.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																																
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1913	182				3		2			1	31	2	7	7	7	20	14	9	9	45	7	3	7	2	4	2	1								
1914							2		1	1			13	12	15	16	28	10	1	5	3	3	11	13	24	27	8	23	18	38	81	12			
1915	59	77	1	14	12		20				1	2	13	1	7	15	21	54	9	5	5	10	10	5	21	3									
1916	153	130	22	4	10	1							4		2	3	5	7		12	2		9	1	1										
1917	219												6		1	6	1	1	9	10	15	10			8	12	1	6	10	19	13	18			
1918	165	1	10	2	21	15	13		1	8	5	7	8	7	18	19	6	9	9	6	15	20													
1919	365																																		
1920	366																																		
1921	221						6						6		4	2		1	1	8		3	9	13	6	10	12	21	7	5	9	21			
1922	161									9			14								18		2	12		16	17	14	18	54	18	10	2		
1924	336													1		1	1					2	13	2	1	9									
1925	365																																		
1926	309						25						4		1			3			1	2	3	8	9										
1927	365																																		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	3266	5113	100.0	12	4.6	75	1387	27.1	24	160	74	609	11.9
1	0.10	208	1847	36.1	13	6.2	28	1312	25.7	25	210	79	535	10.4
2	0.20	33	1639	32.1	14	8.3	55	1284	25.1	26	290	39	456	8.9
3	0.30	20	1606	31.4	15	11.0	82	1229	24.0	27	380	64	417	8.1
4	0.40	46	1586	31.0	16	15.0	76	1147	22.4	28	520	53	353	6.9
5	0.60	16	1540	30.1	17	20.0	94	1071	20.9	29	690	116	300	5.8
6	0.80	68	1524	29.8	18	27.0	38	977	19.1	30	930	121	184	3.5
7	1.10	0	1456	28.5	19	36.0	91	939	18.4	31	1300	61	63	1.2
8	1.40	2	1456	28.5	20	49.0	66	848	16.6	32	1700	2	2	
9	1.90	19	1454	28.4	21	66.0	53	782	15.3	33				
10	2.60	37	1435	28.1	22	88.0	64	729	14.3	34				
11	3.40	11	1398	27.3	23	120.0	56	665	13.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1913	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	10.00	12	14.00	11
1914	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	3.20	12	19.00	14	20.00	14
1915	3.00	14	4.30	14	4.70	14	4.90	14	7.00	14	11.00	14	11.00	14	14.00	13	18.00	13
1916	0.00	3	0.00	3	0.00	3	0.00	3	0.05	13	0.05	12	0.05	11	0.05	10	0.08	9
1917	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3	0.00	3	0.00	2	0.00	1	0.00	1
1918	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4	4.30	13	3.60	13	4.80	11	16.00	12
1919	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5	0.00	4	0.00	3	0.00	2	0.00	2
1920	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6	0.00	5	0.00	4	0.00	3	0.00	3
1921	0.00	8	0.00	8	0.00	8	0.00	8	0.00	7	0.00	6	0.00	5	0.00	4	0.00	4
1922	0.00	9	0.00	9	0.00	9	0.00	9	0.00	8	0.00	7	0.00	6	0.00	5	0.29	10
1924	0.00	10	0.00	10	0.00	10	0.00	10	0.00	9	0.00	8	0.00	7	0.00	6	0.00	5
1925	0.00	11	0.00	11	0.00	11	0.00	11	0.00	10	0.00	9	0.00	8	0.00	7	0.00	6
1926	0.00	12	0.00	12	0.00	12	0.00	12	0.00	11	0.00	10	0.00	9	0.00	8	0.00	7
1927	0.00	13	0.00	13	0.00	13	0.00	13	0.00	12	0.00	11	0.00	10	0.00	9	0.00	8

10336000 HUMBOLDT RIVER NEAR LOVELOCK, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1913	323.0	5	270.0	5	226.0	6	130.0	8	71.0	8	49.0	8	40.0	7	31.0	7	20.0	8
1914	1450.0	3	1440.0	3	1420.0	3	1350.0	4	1240.0	4	1150.0	1	1090.0	1	1040.0	1	865.0	1
1915	241.0	7	226.0	7	201.0	7	192.0	5	176.0	5	124.0	5	89.0	5	73.0	5	52.0	5
1916	167.0	9	142.0	9	124.0	9	95.0	9	65.0	10	38.0	10	25.0	10	19.0	10	12.0	10
1917	1400.0	4	1400.0	4	1400.0	4	1400.0	3	1270.0	3	993.0	3	742.0	3	570.0	3	377.0	3
1918	86.0	10	83.0	10	82.0	10	76.0	10	70.0	9	51.0	7	38.0	8	29.0	8	21.0	7
1919	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11	0.0	11
1920	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12	0.0	12
1921	1520.0	2	1510.0	2	1460.0	2	1410.0	2	1290.0	1	904.0	4	686.0	4	554.0	4	368.0	4
1922	1700.0	1	1690.0	1	1640.0	1	1490.0	1	1280.0	2	1030.0	2	909.0	2	833.0	2	609.0	2
1924	270.0	6	249.0	6	237.0	5	189.0	6	135.0	6	67.0	6	45.0	6	34.0	6	22.0	6
1925	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13	0.0	13
1926	206.0	8	169.0	8	161.0	8	158.0	7	94.0	7	47.0	9	32.0	9	24.0	9	18.0	9
1927	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14	0.0	14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.38	7.06	16.7	21.8	76.9	91.9	129	170	269	173	9.66	4.25
37.2	230	1992	4834	23660	44120	105900	123900	225000	74610	319	63.9
6.10	15.2	44.6	69.5	154	210	325	352	474	273	17.9	7.99
1.59	2.21	3.33	3.67	3.26	2.89	2.59	2.15	1.34	1.45	1.94	1.58
1.80	2.15	2.68	3.19	2.00	2.28	2.52	2.07	1.76	1.58	1.85	1.88
0.35	0.73	1.71	2.24	7.91	9.45	13.3	17.4	27.7	17.8	0.99	0.44

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
88.1	21620	147	1.83	1.67	-0.053

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.24	0.28	0.35	0.29	0.96	0.93	0.48	0.62	0.87	0.97	0.38	0.22
0.31	0.50	0.65	0.68	1.19	1.07	1.44	1.70	2.06	1.92	0.64	0.46
0.56	0.71	0.81	0.83	1.09	1.03	1.20	1.31	1.44	1.39	0.80	0.67
0.53	0.78	1.31	1.57	0.30	0.64	1.36	1.21	0.64	0.24	0.20	0.11
2.35	2.54	2.30	2.81	1.13	1.11	2.49	2.12	1.65	1.42	2.11	3.06
3.62	4.24	5.33	4.46	14.6	14.1	7.29	9.33	13.2	14.7	5.76	3.34

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.15	0.94	0.97	0.24	0.84	0.203

10336000 HUMBOLDT RIVER NEAR LOVELOCK, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1912	640.0	1915	270.0	1918	255.0	1921	1540.0
1913	323.0	1916	257.0	1919	0	1922	1700.0
1914	1450.0	1917	1170.0	1920	0	1925	0
						1926	172.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5966 S	2.5868 S
STANDARD DEVIATION	0.4423 S	0.4593 S
SKEW COEFFICIENTS		
STATION	0.1337	0.1337
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7692	0.7692
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	386.2	386.2	386.2	231.4	644.5
0.2000	924.0	940.4	1019.6	570.4	1943.9
0.1000	1476.9	1497.6	1751.5	861.8	3672.6
0.0400	2459.6	2459.6	3157.1	1306.5	7412.2
0.0200	3438.2	3388.9	4914.9	1695.6	11762.5
0.0100	4664.1	4521.4	7526.4	2135.7	17885.7

10336030 TOULON DRAIN TRIBUTARY NEAR LOVELOCK, NV

LOCATION.--Lat 40°06'30", long 118°33'25", in NW¼SE¼ sec.24, T.26 N., R.30 E., Pershing County, Hydrologic Unit 16040108, at culvert on Interstate Highway 80, 7.5 mi (12.1 km) southwest of Lovelock.

DRAINAGE AREA.--0.80 mi^2 (2.07 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	0.4	1970	0.5	1974	0
1963	0.2	1967	1.0	1971	0	1975	0.1
1964	0	1968	0.1	1972	0	1976	350.0
1965	0.5	1969	1.0	1973	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.5901 S	-0.9463 S
STANDARD DEVIATION	1.0443 S	1.5449 S
SKEW COEFFICIENTS		
STATION	2.3049	2.3049
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.6000	0.6000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.1	0.1	0.1	0.0	0.6
0.2000	1.0	2.3	2.9	0.5	20.7
0.1000	5.5	10.8	17.0	1.9	164.1
0.0400	57.3	57.3	117.1	7.7	1607.7
0.0200	347.9	168.4	470.3	18.8	7201.6
0.0100	2148.3	444.2	1947.6	41.3	28067.3

10336080 HUMBOLDT SLOUGH TRIBUTARY NEAR BRADYS HOT SPRINGS, NV

LOCATION.--Lat 39°51'05", long 118°55'40", in NE¼NE¼ sec.22, T.23 N., R.27 E., Churchill County, Hydrologic Unit 16040108, at culvert on Interstate Highway 80, 6.5 mi (10.5 km) northeast of Bradys Hot Springs.

DRAINAGE AREA.--11.0 mi^2 (28.5 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	0	1966	0	1970	20.5	1974	0
1963	0	1967	700.0	1971	3.5	1975	0
1964	0	1968	10.0	1972	0	1976	570.0
1965	3.0	1969	0.2	1973	32.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.6069 S	-0.6168 S
STANDARD DEVIATION	2.0239 S	2.0411 S
SKEW COEFFICIENTS		
STATION	0.0292	0.0292
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5333	0.5333
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.2	0.2	0.2	0.0	2.0
0.2000	12.4	12.6	17.2	1.6	235.3
0.1000	98.4	99.8	182.2	9.9	3632.4
0.0400	904.9	904.9	2326.9	64.3	74077.9
0.0200	3813.6	3759.7	14600.4	207.5	537153.6
0.0100	13958.7	13538.3	95438.8	586.5	********

10336600 UPPER TRUCKEE RIVER NEAR MEYERS, CA

LOCATION.--Lat 38°50'35", long 120°01'25", in NE¼SE¼ sec.31, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank 0.4 mi (0.6 km) upstream from mouth of Echo Lake outlet, 1.1 mi (1.8 km) southwest of Meyers, and 2.5 mi (4.0 km) upstream from Angora Creek.

DRAINAGE AREA.--33.1 mi^2 (85.7 km^2).

REMARKS.--No regulation. Some small diversions above station for domestic use.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS																														
YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																					
1961		11	39	44	73	28	8	14	24	7	16	6	6	5	3	6	6	14	19	11	10	6	3	4	2									
1962		2	11	24	52	34	34	13	6	27	26	10	9	6	4	6	5	5	6	4	17	12	7	13	11	8	6	6	1						
1963				3	5	11	15	33	38	25	17	13	16	5	26	26	30	10	9	12	9	5	4	7	11	4	6	10	6	7		1		1	
1964				12	29	14	10	14	6	36	56	37	25	20	15	9	4	12	12	8	9	11	9	5	10	3									
1965				16	13	17	9	9	6	7	20	5	11	6	15	66	28	16	13	12	5	5	7	23	19	7	13	14	1						2
1966			20	21	7	8	7	21	16	31	75	32	13	11	12	7	4	13	4	9	7	15	16	9	7										
1967			13	24	8	1	3	5	2	7	49	18	47	22	39	20	7	13	7	6	4	4	2	8	6	6	8	11	20	5					
1968				9	11	25	21	42	46	47	15	6	8	8	13	9	6	15	22	11	12	14	14	11	1										
1969				4	8	17	2	9	33	26	54	36	18	9	8	6	7	10	11	10	7	9	13	11	7	2	15	6	16	11					
1970						13	17	21	13	23	38	12	9	6	4	27	29	30	31	13	8	16	14	8	4	16	9	2	1	1					
1971						19	17	21	8	15	44	28	53	23	7	6	2	19	16	11	6	13	8	8	10	10	17	3	1						
1972				1	16	19	14	56	49	48	17	9	7	3	3	2	4	21	18	16	6	20	8	9	12	8									
1973					14	23	13	26	45	15	28	53	24	10	8	7	7	12	12	5	8	7	7	6	4	10	9	11	1						
1974					8	1	25	17	7	16	8	5	4	15	57	31	26	30	14	11	14	11	15	7	7	7	23	5	1						
1975					3	31	37	64	22	33	43	15	12	10	8	6	5	3	3	4	2	4	7	13	4	9	4	14	9						
1976			4	22	29	19	11	6	8	3	51	60	20	23	22	25	12	7	5	10	8	4	9	5	3										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	21.0	285	2777	47.5	24	220	115	482	8.2
1	2.50	17	5844	100.0	13	26.0	181	2492	42.6	25	270	90	367	6.2
2	3.00	105	5827	99.7	14	31.0	247	2311	39.5	26	320	110	277	4.7
3	3.70	187	5722	97.9	15	38.0	246	2064	35.3	27	390	82	167	2.8
4	4.50	266	5535	94.7	16	46.0	177	1818	31.1	28	480	57	85	1.4
5	5.40	272	5269	90.2	17	56.0	228	1641	28.1	29	580	24	28	.4
6	6.60	238	4997	85.5	18	68.0	207	1413	24.2	30	710		4	
7	8.00	373	4759	81.4	19	83.0	151	1206	20.6	31	860	1	4	
8	9.80	324	4386	75.1	20	100.0	128	1055	18.1	32	1000		3	
9	12.00	414	4062	69.5	21	120.0	161	927	15.9	33	1300	1	3	
10	14.00	566	3648	62.4	22	150.0	139	766	13.1	34	1500	2	2	
11	18.00	305	3082	52.7	23	180.0	145	627	10.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	2.50	1	2.50	1	2.60	1	2.80	1	3.40	1	3.60	1	4.00	2	4.20	1	5.00	1
1963	4.20	4	4.30	5	4.40	5	4.50	5	4.80	5	6.10	5	10.00	11	10.00	9	11.00	6
1964	4.80	8	4.90	8	5.30	8	5.70	8	8.00	10	9.40	12	11.00	12	17.00	15	17.00	12
1965	3.90	3	4.00	3	4.10	3	4.10	3	4.30	3	4.60	3	5.00	3	5.60	3	11.00	7
1966	8.60	14	8.80	14	8.80	14	9.30	14	12.00	15	13.00	13	15.00	15	15.00	14	16.00	11
1967	3.20	2	3.30	2	3.30	2	3.50	2	3.50	2	3.60	2	3.90	1	4.80	2	9.50	3
1968	6.00	12	6.70	12	7.30	12	7.90	12	8.20	11	8.80	10	9.50	9	11.00	10	14.00	8
1969	4.30	5	4.30	4	4.40	4	4.40	4	4.50	4	5.30	4	5.80	4	7.70	5	9.80	4
1970	9.20	15	9.40	15	9.50	15	9.50	15	10.00	14	13.00	14	14.00	14	14.00	12	27.00	14
1971	5.60	11	5.70	11	5.70	10	5.80	9	6.00	8	6.60	8	7.70	7	9.30	7	14.00	9
1972	7.80	13	7.90	13	8.20	13	8.50	13	8.80	12	9.10	11	10.00	10	11.00	11	11.00	5
1973	4.40	6	4.50	6	4.60	6	5.00	6	5.50	6	6.40	7	7.90	8	8.70	6	14.00	10
1974	4.80	7	4.90	7	5.10	7	5.40	7	5.80	7	6.30	6	7.60	5	10.00	8	27.00	15
1975	5.00	9	5.30	9	5.60	9	5.80	10	6.30	9	7.00	9	7.70	6	7.60	4	8.20	2
1976	5.40	10	5.60	10	5.90	11	6.50	11	9.00	13	13.00	15	13.00	13	15.00	13	19.00	13

10336600 UPPER TRUCKEE RIVER NEAR MEYERS, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1961	235.0 14	220.0 14	207.0 14	164.0 15	130.0 15	102.0 15	86.0 15	68.0 15	48.0 15
1962	533.0 8	453.0 8	417.0 7	330.0 9	270.0 10	240.0 9	204.0 8	163.0 8	113.0 9
1963	1410.0 2	889.0 2	587.0 3	518.0 3	445.0 3	332.0 3	246.0 4	197.0 4	163.0 3
1964	310.0 11	296.0 11	273.0 12	250.0 12	206.0 12	151.0 13	120.0 13	96.0 14	68.0 14
1965	1840.0 1	1310.0 1	720.0 1	385.0 6	355.0 6	295.0 5	251.0 3	205.0 3	160.0 4
1966	263.0 13	249.0 13	241.0 13	214.0 13	191.0 13	156.0 12	124.0 12	100.0 13	71.0 13
1967	632.0 5	600.0 4	576.0 4	572.0 2	506.0 2	425.0 2	316.0 2	246.0 2	175.0 2
1968	224.0 15	210.0 15	192.0 15	174.0 14	164.0 14	139.0 14	116.0 14	101.0 12	74.0 12
1969	633.0 4	614.0 3	597.0 2	590.0 1	550.0 1	430.0 1	343.0 1	278.0 1	191.0 1
1970	684.0 3	483.0 6	329.0 10	322.0 10	296.0 9	230.0 10	180.0 10	151.0 10	132.0 6
1971	578.0 6	425.0 10	377.0 9	368.0 8	318.0 8	274.0 7	217.0 7	180.0 7	128.0 8
1972	299.0 12	293.0 12	283.0 11	261.0 11	230.0 11	186.0 11	147.0 11	132.0 11	93.0 11
1973	480.0 10	477.0 7	450.0 6	410.0 5	363.0 5	263.0 8	198.0 9	154.0 9	110.0 10
1974	525.0 9	450.0 9	406.0 8	383.0 7	332.0 7	282.0 6	225.0 6	184.0 6	139.0 5
1975	558.0 7	536.0 5	528.0 5	497.0 4	432.0 4	328.0 4	242.0 5	187.0 5	129.0 7
1976	207.0 16	190.0 16	171.0 16	151.0 16	123.0 16	87.0 16	67.0 16	55.0 16	40.0 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
9.96	18.4	28.2	31.8	30.9	35.0	82.7	239	220	60.5	16.2	8.22
37.3	328	1744	1134	1065	356	1107	7553	18130	3271	202	22.5
6.10	18.1	41.8	33.7	32.6	18.9	33.3	86.9	135	57.2	14.2	4.75
1.40	2.59	3.58	2.16	2.86	0.99	-0.21	0.96	0.12	1.68	1.95	1.22
0.61	0.98	1.48	1.06	1.05	0.54	0.40	0.36	0.61	0.95	0.87	0.58
1.28	2.36	3.62	4.07	3.96	4.48	10.6	30.6	28.2	7.74	2.08	1.05

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
65.2	648	25.5	0.01	0.39	-0.528

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.93	1.14	1.25	1.32	1.36	1.49	1.87	2.35	2.23	1.59	1.09	0.85
0.07	0.11	0.14	0.16	0.10	0.06	0.05	0.02	0.14	0.20	0.11	0.05
0.26	0.33	0.37	0.40	0.32	0.24	0.23	0.16	0.37	0.45	0.33	0.23
0.13	0.67	1.18	0.37	1.10	0.00	-1.36	-0.09	-0.92	-0.23	0.51	0.39
0.28	0.29	0.30	0.30	0.23	0.16	0.12	0.07	0.17	0.28	0.30	0.27
5.31	6.50	7.16	7.58	7.76	8.51	10.7	13.5	12.8	9.11	6.23	4.89

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.78	0.04	0.19	-0.58	0.11	-0.461

10336600 UPPER TRUCKEE RIVER NEAR MEYERS, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	394.0	1965	2490.0	1969	762.0	1973	620.0
1962	904.0	1966	366.0	1970	1280.0	1974	776.0
1963	2550.0	1967	801.0	1971	1380.0	1975	735.0
1964	457.0	1968	321.0	1972	402.0	1976	425.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8686	2.8686
STANDARD DEVIATION	0.2809	0.2809
SKEW COEFFICIENTS		
STATION	0.6826	0.6826
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	210.5	157.7	122.8	75.7	242.0
0.9900	227.9	180.6	146.7	91.3	270.1
0.9500	293.2	264.9	240.3	154.3	371.1
0.9000	343.1	327.5	305.3	205.1	445.0
0.8000	424.5	426.5	411.0	289.6	563.3
0.5000	686.9	723.3	723.3	546.0	953.9
0.2000	1233.2	1264.4	1319.5	958.3	1855.8
0.1000	1749.3	1714.3	1866.8	1257.2	2762.1
0.0400	2628.5	2394.3	2747.7	1668.3	4338.1
0.0200	3486.4	2986.7	3640.7	2001.4	5878.8
0.0100	4554.5	3656.6	4900.5	2358.7	7783.2

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA

LOCATION.--Lat 39°06'27", long 120°09'40", in NE¼NW¼ sec.36, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, on right bank 300 ft (91 m) upstream from bridge on State Highway 89, 1,000 ft (305 m) upstream from Lake Tahoe, and 4.6 mi (7.4 km) south of Tahoe City.

DRAINAGE AREA.--11.2 mi^2 (29.0 km^2).

REMARKS.--No known diversion or regulation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1961				3	30	29	25	10	44	39	15	10	22	24	13	8	5	4	8	4	19	20	18	8	7										
1962				1	6	26	23	17	38	28	36	11	7	18	31	8	13	4	2	7	5	7	19	21	25	9	3								
1963						2	12	22	10	13	17	14	10	18	21	25	22	51	37	13	13	14	14	16	16	2		1				1		1	
1964					5	25	13	8	21	8	14	17	39	58	27	17	19	9	4	2	20	12	11	9	13	11	4									
1965							2	12	24	14	26	21	11	18	14	6	50	37	22	9	8	10	12	14	12	21	15	3	1				1	2	
1966					9	13	19	26	20	37	45	29	32	25	12	4	3	6	8	11	6	6	18	25	10	1									
1967						3	9	5	8	30	16	10	19	28	25	35	46	29	13	10	8	5	5	7	6	14	10	12	10	1		1			
1968		5	5	3	2	2	1	7	25	86	27	11	26	20	4	8	4	3	22	11	23	22	22	18	7	1	1								
1969				3	3	5		3	18	30	6	17	33	17	33	26	12	16	17	12	19	13	12	7	6	8	9	9	23	8					
1970							1	41	30	36	26	7	1	3	5	11	28	15	25	23	20	13	18	12	6	25	9	2	3	1	1	2		1	
1971							3	32	26	15	6	6	23	27	14	30	33	16	10	18	23	9	13	10	11	14	24	2							
1972								33	35	31	65	44	14	9	6	4	3	3	5	17	19	20	20	5	14	17	2								
1973							18	19	15	15	29	39	19	8	53	28	14	6	12	9	15	9	9	8	14	16	2	7	1						
1974							1	8	34	19	13	9	3	6	6	26	38	26	35	26	16	21	15	8	11	14	20	7	3						
1975								19	40	69	54	18	30	16	17	4	8	8	3	10	3	4	9	8	10	5	12	13	5						
1976								49	26	12	9	28	55	36	26	13	49	15	7	8	10	6	14	2	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	6.7	344	3635	62.2	24	110	169	560	9.5
1	0.50	5	5844	100.0	13	8.5	331	3291	56.3	25	140	158	391	6.6
2	0.60	5	5839	99.9	14	11.0	307	2960	50.7	26	180	111	233	3.9
3	0.80	10	5834	99.8	15	14.0	253	2653	45.4	27	230	56	122	2.0
4	1.00	55	5824	99.7	16	17.0	347	2400	41.1	28	290	46	66	1.1
5	1.30	105	5769	98.7	17	22.0	248	2053	35.1	29	370	10	20	.3
6	1.60	127	5664	96.9	18	28.0	230	1805	30.9	30	470	1	10	.1
7	2.10	311	5537	94.7	19	35.0	190	1575	27.0	31	590	3	9	.1
8	2.60	414	5226	89.4	20	44.0	227	1385	23.7	32	750	1	6	.1
9	3.30	482	4812	82.3	21	56.0	191	1158	19.8	33	950	3	5	
10	4.20	404	4330	74.1	22	71.0	229	967	16.5	34	1200	2	2	
11	5.30	291	3926	67.2	23	90.0	178	738	12.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	0.90	2	0.97	2	1.00	2	1.10	2	1.20	2	1.30	1	1.60	1	2.10	1	2.70	1
1963	1.30	5	1.30	5	1.30	5	1.40	5	1.60	5	2.00	4	4.40	13	11.00	15	13.00	13
1964	1.50	6	1.80	9	2.00	8	2.10	7	2.40	10	2.60	8	3.20	8	4.90	13	8.80	11
1965	1.20	4	1.20	3	1.20	3	1.30	3	1.40	3	1.80	2	2.10	2	2.70	2	6.90	8
1966	1.50	7	1.60	6	2.60	14	3.20	15	3.40	15	3.80	12	4.80	14	4.80	12	5.30	5
1967	1.10	3	1.20	4	1.20	4	1.30	4	1.40	4	1.80	3	2.40	3	2.90	3	6.60	7
1968	1.60	8	1.70	7	1.80	6	2.50	12	3.00	13	3.80	13	3.90	11	3.90	6	4.70	4
1969	0.51	1	0.50	1	0.54	1	0.66	1	0.99	1	2.10	5	3.10	7	3.90	7	6.00	6
1970	2.10	12	2.20	12	2.50	13	2.60	13	2.90	12	3.80	14	4.20	12	4.30	9	20.00	15
1971	1.90	10	2.00	10	2.00	9	2.10	8	2.10	7	2.30	6	2.60	4	4.30	10	7.60	9
1972	2.20	13	2.30	14	2.40	12	2.40	10	2.70	11	3.10	11	3.40	9	4.10	8	4.50	3
1973	2.20	14	2.20	13	2.30	11	2.40	11	2.40	8	2.70	9	3.50	10	4.40	11	8.60	10
1974	1.80	9	1.80	8	1.80	7	1.90	6	2.00	6	2.30	7	2.70	5	3.60	5	14.00	14
1975	2.10	11	2.10	11	2.20	10	2.30	9	2.40	9	2.70	10	2.90	6	3.20	4	3.60	2
1976	2.70	15	2.70	15	2.70	15	2.90	14	3.30	14	4.50	15	6.10	15	9.00	14	10.00	12

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1961	125.0	16	123.0	15	120.0	15	104.0	15	93.0	15	74.0	15	64.0	15	51.0	15	36.0	15
1962	199.0	11	188.0	11	181.0	10	144.0	12	133.0	11	117.0	9	105.0	8	84.0	8	59.0	9
1963	1070.0	2	614.0	3	327.0	4	178.0	9	104.0	13	86.0	14	68.0	14	65.0	13	57.0	10
1964	202.0	10	191.0	10	179.0	11	164.0	10	136.0	10	105.0	11	85.0	11	67.0	12	47.0	13
1965	1340.0	1	1210.0	1	627.0	1	329.0	2	183.0	6	157.0	6	125.0	6	100.0	6	95.0	2
1966	158.0	14	141.0	13	132.0	13	118.0	13	106.0	12	94.0	12	75.0	12	60.0	14	41.0	14
1967	914.0	4	477.0	4	306.0	5	271.0	5	228.0	3	201.0	2	147.0	2	124.0	2	91.0	4
1968	189.0	13	133.0	14	125.0	14	113.0	14	98.0	14	86.0	13	72.0	13	68.0	11	49.0	12
1969	457.0	5	431.0	5	394.0	3	373.0	1	354.0	1	277.0	1	213.0	1	171.0	1	121.0	1
1970	1020.0	3	691.0	2	465.0	2	313.0	3	176.0	8	131.0	8	99.0	9	85.0	7	94.0	3
1971	276.0	9	231.0	9	216.0	9	212.0	8	182.0	7	166.0	4	133.0	3	111.0	3	80.0	6
1972	193.0	12	182.0	12	174.0	12	152.0	11	141.0	9	114.0	10	92.0	10	83.0	9	57.0	11
1973	295.0	8	283.0	7	273.0	7	229.0	6	184.0	5	139.0	7	105.0	7	82.0	10	61.0	8
1974	318.0	7	261.0	8	229.0	8	214.0	7	188.0	4	157.0	5	128.0	5	106.0	4	84.0	5
1975	336.0	6	316.0	6	306.0	6	272.0	4	240.0	2	178.0	3	132.0	4	102.0	5	70.0	7
1976	137.0	15	91.0	16	86.0	16	80.0	16	67.0	16	48.0	16	38.0	16	31.0	16	23.0	16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
5.69	11.9	24.2	27.5	19.3	25.3	55.6	138	107	25.8	5.06	2.48
44.2	156	1548	1662	280	315	548	3183	4536	559	7.87	0.82
6.65	12.5	39.3	40.8	16.7	17.7	23.4	56.4	67.3	23.6	2.81	0.91
3.02	2.49	3.01	2.96	2.10	1.74	-0.17	1.99	0.61	1.38	0.76	0.69
1.17	1.05	1.63	1.48	0.87	0.70	0.42	0.41	0.63	0.92	0.55	0.37
1.27	2.67	5.41	6.15	4.32	5.65	12.4	30.7	23.9	5.75	1.13	0.55

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
37.4	199	14.1	0.33	0.38	-0.182

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.62	0.92	1.08	1.15	1.16	1.32	1.70	2.11	1.93	1.23	0.64	0.37
0.09	0.13	0.23	0.25	0.11	0.07	0.06	0.02	0.11	0.17	0.06	0.03
0.30	0.36	0.48	0.50	0.33	0.26	0.24	0.16	0.33	0.42	0.24	0.16
1.75	0.68	0.98	0.62	0.32	0.55	-1.24	0.40	-0.84	0.07	0.07	-0.01
0.49	0.39	0.44	0.43	0.29	0.20	0.14	0.07	0.17	0.34	0.38	0.44
4.33	6.47	7.58	8.06	8.18	9.30	11.9	14.8	13.6	8.68	4.51	2.58

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.54	0.03	0.17	-0.35	0.11	-0.206

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	200.0	1965	2100.0	1969	605.0	1973	393.0
1962	238.0	1966	198.0	1970	1910.0	1974	704.0
1963	2000.0	1967	1670.0	1971	385.0	1975	449.0
1964	322.0	1968	334.0	1972	287.0	1976	274.0

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7181	2.7181
STANDARD DEVIATION	0.3680	0.3680
SKEW COEFFICIENTS		
STATION	0.7337	0.7337
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	104.9	69.1	49.8	26.4	121.0
0.9900	115.5	82.5	62.8	33.8	139.9
0.9500	158.0	136.3	120.0	67.2	211.9
0.9000	192.7	179.9	164.2	97.5	268.9
0.8000	252.8	254.3	242.3	153.2	366.2
0.5000	471.5	508.0	508.0	351.6	730.0
0.2000	1017.6	1056.0	1116.7	734.5	1745.6
0.1000	1618.2	1573.4	1759.2	1048.1	2939.0
0.0400	2786.5	2437.2	2918.8	1518.3	5309.0
0.0200	4068.7	3255.8	4219.9	1927.1	7905.1
0.0100	5827.2	4244.2	6228.2	2389.9	11416.9

10336688 FIRST CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°15'00", long 119°59'18", in NE¼SW¼ sec.17, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, at culvert on State Highway 28, 1.7 mi (2.7 km) northeast of Crystal Bay.

DRAINAGE AREA.--1.09 mi^2 (2.82 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	11.0	1972	22.0	1973	9.0	1974	1.0
1971	10.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.8676	0.8676
STANDARD DEVIATION	0.5083	0.5083
SKEW COEFFICIENTS		
STATION	-1.7065	-1.7065
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.1	0.4	0.0	0.0	1.5
0.9900	0.1	0.5	0.0	0.0	1.8
0.9500	0.7	1.1	0.5	0.1	3.0
0.9000	1.6	1.7	1.1	0.1	4.2
0.8000	3.4	2.7	2.2	0.4	6.5
0.5000	10.1	7.2	7.2	2.5	20.6
0.2000	19.0	19.6	25.4	8.3	126.5
0.1000	22.9	33.4	54.7	13.2	395.7
0.0400	25.9	59.5	164.7	20.8	1439.9
0.0200	27.1	86.8	418.3	27.4	3412.8
0.0100	27.9	122.3	********	35.0	7528.8

10336690 SECOND CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°15'10", long 119°58'35", in SE¼NE¼ sec.17, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, at culvert on Silvertip Drive, 2.2 mi (3.5 km) northeast of Crystal Bay.

DRAINAGE AREA.--1.63 mi^2 (4.22 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	16.0	1972	7.0	1973	13.0	1974	3.0
1971	15.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.9633	0.9633
STANDARD DEVIATION	0.3067	0.3067
SKEW COEFFICIENTS		
STATION	-1.2927	-1.2927
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.7	1.6	0.0	0.1	3.4
0.9900	1.0	1.9	0.0	0.2	3.9
0.9500	2.4	2.9	1.9	0.5	5.4
0.9000	3.6	3.7	2.9	0.9	6.5
0.8000	5.5	5.1	4.4	1.6	8.5
0.5000	10.7	9.1	9.1	4.8	17.1
0.2000	16.6	16.6	19.4	9.9	51.1
0.1000	19.5	22.9	30.8	13.1	101.6
0.0400	22.1	32.4	59.9	17.2	221.6
0.0200	23.5	40.7	105.1	20.3	373.0
0.0100	24.5	50.0	********	23.5	601.3

10336693 WOOD CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°15'40", long 119°57'25", in SE¼SE¼ sec.9, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, at culvert on State Highway 27, at northeast edge of Incline Village, and 3.5 mi (5.6 km) northeast of Crystal Bay.

DRAINAGE AREA.--1.69 mi^2 (4.38 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	30.0	1970	13.0	1973	20.0	1975	23.0
1968	4.0	1971	15.0	1974	27.0	1976	12.0
1969	40.0	1972	4.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.1747	1.1747
STANDARD DEVIATION	0.3431	0.3431
SKEW COEFFICIENTS		
STATION	-0.8436	-0.8436
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	1.1	2.1	1.1	0.5	4.0
0.9900	1.5	2.5	1.6	0.7	4.6
0.9500	3.5	4.2	3.4	1.6	6.9
0.9000	5.2	5.5	4.7	2.4	8.7
0.8000	8.1	7.7	7.1	4.0	11.7
0.5000	16.7	14.8	14.8	9.4	23.0
0.2000	29.4	28.9	31.4	19.0	55.7
0.1000	37.3	41.5	48.7	26.1	94.7
0.0400	46.3	61.2	80.4	35.9	171.9
0.0200	52.1	79.0	118.4	44.0	255.8
0.0100	57.3	99.5	174.1	52.6	368.4

10336694 WOOD CREEK AT MOUTH NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'35", long 119°57'30", in NE¼NE¼ sec.21, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, at culvert on Lakeshore Boulevard, 2.7 mi (4.3 km) northeast of Crystal Bay.

DRAINAGE AREA.--2.05 mi^2 (5.31 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	15.0	1972	4.0	1973	12.0	1974	2.0
1971	11.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.8400	0.8400
STANDARD DEVIATION	0.3734	0.3734
SKEW COEFFICIENTS		
STATION	-0.8812	-0.8812
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.4	0.8	0.0	0.0	2.1
0.9900	0.5	1.0	0.0	0.1	2.4
0.9500	1.4	1.7	1.0	0.2	3.6
0.9000	2.2	2.3	1.7	0.4	4.6
0.8000	3.6	3.3	2.8	0.8	6.3
0.5000	7.8	6.8	6.8	3.1	14.7
0.2000	14.4	14.2	17.2	7.5	55.9
0.1000	18.6	21.0	30.1	10.6	129.1
0.0400	23.4	32.1	67.8	14.8	333.4
0.0200	26.4	42.3	134.4	18.2	628.5
0.0100	29.2	54.5	********	21.7	1124.0

10336696 THIRD CREEK AT INCLINE VILLAGE, NV

LOCATION.--Lat 39°16'25", long 119°56'50", in SE¼SW¼ sec.3, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, at downstream end of culvert on State Highway 27, at north end of Incline Village Golf Course, and 4.4 mi (7.1 km) northeast of Crystal Bay.

DRAINAGE AREA.--4.30 mi^2 (11.14 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	67.0	1972	35.0	1973	70.0	1974	59.0
1971	120.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8131	1.8131
STANDARD DEVIATION	0.1912	0.1912
SKEW COEFFICIENTS		
STATION	-0.0390	-0.0390
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	20.6	21.8	0.0	4.4	35.3
0.9900	23.1	24.1	0.0	5.6	37.9
0.9500	31.4	31.9	24.0	10.6	46.6
0.9000	36.9	37.2	31.4	14.8	52.6
0.8000	44.9	44.8	40.9	22.1	62.0
0.5000	65.2	64.5	64.5	43.2	95.7
0.2000	94.3	94.0	103.6	67.9	189.4
0.1000	114.1	114.8	134.1	81.1	290.8
0.0400	139.7	142.6	204.1	96.0	472.6
0.0200	159.1	164.4	268.9	106.6	653.8
0.0100	178.7	187.0	********	116.8	880.4

PYRAMID AND WINNEMUCCA LAKES BASIN

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'26", long 119°56'41", in SW¼NE¼ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank 50 ft (15 m) upstream from culvert on Lakeshore Boulevard, 600 ft (180 m) upstream from mouth and 3 mi (5 km) east of Crystal Bay.

DRAINAGE AREA.--5.81 mi^2 (15.0 km^2).

REMARKS.--One transmountain diversion to Washoe Valley.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR																	NUMBER OF DAYS IN CLASS																		
1970						2	5	42	25	12	18	27	5	20	22	32	14	31	21	15	12	7	6	4	1	9	8	6	6	1	7	3	4		
1971						2	4	9	18	12	23	33	48	32	26	21	10	23	16	14	5	2	13	6	11	5	4	3	3	2	5	4	4	4	3
1972		7	35	6	11	16		6	10	4	59	56	29	14	23	15	18	12	3		2	4	10	10	8	3	5								
1973					5	5	6	14	33	11	34	50	86	19	11	6	7	7	9	2	5	3	6	3	7	2	2	1	4	4	7	9	3	4	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	4.0	168	861	58.9	24	18	27	152	10.4
1	1.00	7	1461	100.0	13	4.6	85	693	47.4	25	21	19	125	8.5
2	1.10	35	1454	99.5	14	5.2	82	608	41.6	26	24	19	106	7.2
3	1.30	6	1419	97.1	15	5.9	74	526	36.0	27	27	10	87	5.9
4	1.50	16	1413	96.7	16	6.7	49	452	30.9	28	30	13	77	5.2
5	1.70	25	1397	95.6	17	7.6	73	403	27.6	29	35	7	64	4.3
6	1.90	15	1372	93.9	18	8.6	49	330	22.6	30	39	19	57	3.9
7	2.10	71	1357	92.9	19	9.7	31	281	19.2	31	44	16	38	2.6
8	2.40	86	1286	88.0	20	11.0	24	250	17.1	32	50	11	22	1.5
9	2.80	39	1200	82.1	21	13.0	16	226	15.5	33	57	8	11	.7
10	3.10	134	1161	79.5	22	14.0	35	210	14.4	34	65	3	3	.2
11	3.50	166	1027	70.3	23	16.0	23	175	12.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1971	1.70	2	1.70	2	1.80	2	1.90	2	2.10	2	2.20	2	2.40	2	2.80	2	3.40	2
1972	2.20	3	2.20	3	2.30	3	2.40	3	2.80	3	3.20	3	3.30	3	3.40	3	3.50	3
1973	1.00	1	1.00	1	1.00	1	1.10	1	1.20	1	1.30	1	1.60	1	2.00	1	2.70	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1970	53.0	3	52.0	3	49.0	3	45.0	3	36.0	3	27.0	3	21.0	3	18.0	3	14.0	3
1971	67.0	1	63.0	1	61.0	1	56.0	1	45.0	1	32.0	1	25.0	1	21.0	1	16.0	1
1972	26.0	4	25.0	4	24.0	4	20.0	4	19.0	4	14.0	4	12.0	4	10.0	4	7.9	4
1973	59.0	2	59.0	2	53.0	2	49.0	2	44.0	2	31.0	2	23.0	2	18.0	2	14.0	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.24	4.10	4.44	5.37	4.60	5.81	8.14	22.4	28.7	8.76	2.96	2.28
0.16	0.22	0.65	5.47	1.83	2.47	3.31	78.5	176	44.1	1.67	0.21
0.40	0.47	0.80	2.34	1.35	1.57	1.82	8.86	13.3	6.64	1.29	0.45
-0.27	-0.01	0.78	1.48	0.54	0.60	0.12	1.64	-0.56	0.57	-0.18	0.02
0.12	0.12	0.18	0.44	0.29	0.27	0.22	0.40	0.46	0.76	0.44	0.20
3.21	4.07	4.41	5.33	4.57	5.77	8.08	22.2	28.4	8.70	2.94	2.27

10336698 THIRD CREEK NEAR CRYSTAL BAY, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
8.14	3.92	1.98	-1.56	0.24	-0.363

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.51	0.61	0.64	0.70	0.65	0.75	0.90	1.33	1.41	0.82	0.43	0.35
0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.02	0.06	0.15	0.05	0.01
0.05	0.05	0.08	0.17	0.12	0.12	0.10	0.15	0.25	0.38	0.22	0.09
-0.53	-0.23	0.49	1.11	0.48	0.36	-0.10	1.14	-1.14	-0.23	-1.08	-0.35
0.11	0.08	0.12	0.25	0.19	0.15	0.11	0.12	0.18	0.47	0.52	0.25
5.58	6.71	7.06	7.72	7.13	8.26	9.91	14.6	15.5	9.02	4.73	3.86

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.90	0.01	0.12	-1.72	0.13	-0.390

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	65.0	1972	34.0	1973	80.0	1974	80.0
1971	110.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8384	1.8384
STANDARD DEVIATION	0.1900	0.1900
SKEW COEFFICIENTS		
STATION	-1.2158	-1.2158
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	13.8	23.3	0.0	4.8	37.5
0.9900	17.3	25.7	0.0	6.0	40.3
0.9500	29.9	34.0	25.6	11.3	49.5
0.9000	38.3	39.5	33.5	15.9	55.8
0.8000	50.1	47.6	43.5	23.6	65.8
0.5000	75.2	68.4	68.4	45.9	101.3
0.2000	99.7	99.4	109.5	72.0	199.5
0.1000	110.7	121.3	145.8	85.8	305.5
0.0400	120.4	150.5	220.1	101.6	495.2
0.0200	125.5	173.3	311.9	112.7	683.7
0.0100	129.4	197.0	********	123.4	919.0

10336700 INCLINE CREEK NEAR CRYSTAL BAY, NV

LOCATION.--Lat 39°14'25", long 119°56'38", in SW¼NE¼ sec.22, T.16 N., R.18 E., Washoe County, Hydrologic Unit 16050101, on right bank 500 ft (150 m) upstream from culvert on Lakeshore Boulevard, 1,000 ft (300 m) upstream from mouth, just below confluence with major tributary, and 3 mi (5 km) east of Crystal Bay.

DRAINAGE AREA.--7.0 mi^2 (18.1 km^2).

REMARKS.--No diversion above station. Possibly some light pumping or manipulation of water for construction.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1970				3	1	9	1		2	41	31	21	32	16	10	13	35	16	10	12	31	7	18	4	17	5	5	10	13						2
1971							2	3	2	52	29	47	49	23	7	13	11	5	4	7	26	7	17	5	14	10	15	12	5						
1972		18	19	12	8	23	27	20	29	33	21	13	27	21	10	20	32	9	8	4	12														
1973					5	22	39	42	34	67	12	16	18	15	2	6	8	4	7	2	10	2	5	1	10	16	5	7	8	2					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	5.6	126	757	51.8	24	16	41	156	10.6
1	2.00	18	1461	100.0	13	6.1	75	631	43.2	25	18	31	115	7.8
2	2.30	19	1443	98.8	14	6.7	29	556	38.1	26	20	25	84	5.7
3	2.50	15	1424	97.5	15	7.3	52	527	36.1	27	21	29	59	4.0
4	2.70	14	1409	96.4	16	8.0	86	475	32.5	28	23	26	30	2.0
5	3.00	54	1395	95.5	17	8.8	34	389	26.6	29	26	2	4	.2
6	3.30	69	1341	91.8	18	9.6	29	355	24.3	30	28		2	.1
7	3.60	65	1272	87.1	19	10.0	25	326	22.3	31	31		2	.1
8	3.90	67	1207	82.6	20	11.0	79	301	20.6	32	33		2	.1
9	4.30	193	1140	78.0	21	13.0	16	222	15.2	33	37		2	.1
10	4.70	93	947	64.8	22	14.0	40	206	14.1	34	40	2	2	.1
11	5.10	97	854	58.5	23	15.0	10	166	11.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1971	3.40	3	3.70	3	3.90	3	4.10	3	4.40	3	4.60	3	4.90	3	4.90	3	5.20	3
1972	3.00	2	3.00	2	3.10	2	3.30	2	3.50	2	3.70	2	4.00	2	4.30	2	4.60	2
1973	2.10	1	2.10	1	2.10	1	2.20	1	2.30	1	2.40	1	2.80	1	3.10	1	3.50	1

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1970	48.0	1	37.0	1	25.0	1	23.0	1	22.0	1	18.0	3	16.0	2	15.0	2	13.0	1
1971	24.0	3	23.0	3	23.0	3	22.0	3	20.0	3	19.0	1	17.0	1	16.0	1	12.0	2
1972	12.0	4	12.0	4	11.0	4	11.0	4	9.6	4	8.5	4	8.6	4	8.1	4	6.7	4
1973	26.0	2	26.0	2	25.0	2	23.0	2	21.0	2	18.0	2	15.0	3	13.0	3	9.7	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.72	4.99	5.01	6.52	5.95	7.19	10.2	18.3	15.6	7.39	4.94	4.13
0.52	0.37	0.43	12.2	4.15	9.42	8.10	34.1	49.5	8.76	3.01	1.10
0.72	0.61	0.65	3.49	2.04	3.07	2.85	5.84	7.04	2.96	1.74	1.05
0.19	-0.17	-1.83	1.51	1.06	0.19	-0.61	-1.20	-0.22	-0.36	-0.97	-0.91
0.15	0.12	0.13	0.54	0.34	0.43	0.28	0.32	0.45	0.40	0.35	0.25
4.98	5.25	5.27	6.87	6.27	7.58	10.7	19.3	16.4	7.79	5.21	4.35

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
7.66	3.65	1.91	-0.64	0.25	0.130

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.67	0.70	0.70	0.77	0.76	0.82	0.99	1.24	1.15	0.84	0.67	0.60
0.00	0.00	0.00	0.05	0.02	0.04	0.02	0.03	0.05	0.04	0.03	0.02
0.07	0.05	0.06	0.21	0.14	0.20	0.13	0.17	0.23	0.20	0.18	0.12
0.11	-0.25	-1.91	0.96	0.75	-0.21	-0.63	-1.74	-1.03	-0.94	-1.36	-1.10
0.10	0.08	0.09	0.28	0.19	0.24	0.13	0.14	0.20	0.24	0.28	0.20
6.77	7.02	7.03	7.80	7.64	8.31	10.0	12.5	11.6	8.44	6.73	6.09

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.87	0.01	0.12	-0.89	0.13	0.027

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1970	87.0	1972	18.0	1973	40.0	1975	64.0
1971	38.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6366	1.6366
STANDARD DEVIATION	0.2600	0.2600
SKEW COEFFICIENTS		
STATION	-0.5447	-0.5447
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	6.8	9.8	0.0	1.1	18.9
0.9900	8.5	11.2	0.0	1.5	20.8
0.9500	14.9	16.5	11.2	3.7	27.5
0.9000	19.6	20.2	16.1	5.8	32.4
0.8000	26.8	26.1	23.1	10.0	40.6
0.5000	45.7	42.9	42.9	24.8	73.3
0.2000	72.3	71.5	81.6	45.9	185.4
0.1000	89.3	93.8	120.7	58.4	332.1
0.0400	109.5	126.0	212.1	73.6	643.0
0.0200	123.6	152.9	341.7	84.8	999.8
0.0100	136.8	182.1	********	96.1	1498.5

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA

LOCATION.--Lat 38°55'12", long 119°58'17", in NW¼SE¼ sec.3, T.12 N., R.18 E., El Dorado County, Hydrologic Unit 16050101, on left bank 5 ft (1.52 m) upstream from Martin Avenue Bridge, 500 ft (152 m) upstream from Heavenly Valley Creek, and 1.8 mi (2.9 km) east of Tahoe Valley.

DRAINAGE AREA.--36.7 mi^2 (95.05 km^2).

REMARKS.--Minor diversion for local water supply.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961				6	21	47	17	16	15	47	60	36	12	8	28	26	23	3																	
1962					3	6	10	25	25	85	35	25	15	14	12	3	6	4	5	17	21	21	15	17	1										
1963								1	3	19	24	36	43	33	8	5	22	57	17	13	8	13	8	8	10	15	15	3	2				1		1
1964								49	6	6	15	44	54	66	31	15	8	16	13	14	19	10													
1965							1	7	8	6	19	24	7	4	2	6	20	69	41	17	7	19	8	21	17	15	16	10	7	11	1			2	
1966		1	1	1	3	13	21	14	3	12	8	5	6	35	49	64	34	19	9	25	17	24	1												
1967							9	4		9	22	29	13	45	12	24	41	22	13	21	9	7	10	6	4	2	11	13	6	8	12	10	3		
1968						1	4	13	3	22	22	16	20	33	60	43	21	23	26	23	19	16		1											
1969										11	41	22	17	20	40	27	23	8	13	8	12	12	12	12	8	12	11	5	6	18	15	9	3		
1970													2	36	35	45	33	31	47	37	13	20	11	10	17	13	12		2	1					
1971													6	56	80	42	22	13	7	17	21	14	15	13	20	10	11	6	11	1					
1972											10	18	38	70	58	35	14	25	21	23	16	15	10	4	9										
1973										8	7	27	49	98	25	19	9	25	14	11	6	13	14	3	4	2	22	7	2						
1974												11	23	28	47	57	30	24	17	16	19	20	11	8	14	7	12	19	2						
1975												24	74	79	33	28	19	18	7	8	5	5	4	11	8	5	11	7	10	9					
1976					31	15	28	12	8	2	17	23	76	70	41	17	19	6				1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	16.0	402	4569	78.2	24	85	112	537	9.1
1	3.30	1	5844	100.0	13	18.0	701	4167	71.3	25	98	81	425	7.2
2	3.90	1	5843	100.0	14	21.0	590	3466	59.3	26	110	121	344	5.8
3	4.50	7	5842	100.0	15	24.0	480	2876	49.2	27	130	70	223	3.8
4	5.20	27	5835	99.8	16	28.0	342	2396	41.0	28	150	48	153	2.6
5	6.00	98	5808	99.4	17	32.0	376	2054	35.1	29	170	48	105	1.7
6	6.90	77	5710	97.7	18	37.0	256	1678	28.7	30	200	28	57	.9
7	7.90	157	5633	96.4	19	42.0	250	1422	24.3	31	230	19	29	.4
8	9.10	75	5476	93.7	20	49.0	192	1172	20.1	32	260	7	10	.1
9	10.00	233	5401	92.4	21	56.0	210	980	16.8	33	300	2	3	
10	12.00	265	5168	88.4	22	65.0	119	770	13.2	34	350	1	1	
11	14.00	334	4903	83.9	23	74.0	114	651	11.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	4.70	2	4.90	2	5.10	1	5.20	1	5.70	1	6.00	1	6.40	1	7.20	1	8.40	1
1963	5.60	3	6.40	3	6.60	3	7.20	3	8.30	3	11.00	5	13.00	5	14.00	5	13.00	2
1964	13.00	7	14.00	9	14.00	8	15.00	8	15.00	7	16.00	8	16.00	6	17.00	8	18.00	7
1965	7.70	5	7.90	5	8.00	5	8.10	5	8.40	4	8.60	3	9.20	3	10.00	3	13.00	3
1966	18.00	14	18.00	14	19.00	14	20.00	14	21.00	14	21.00	14	23.00	14	24.00	14	25.00	14
1967	3.40	1	4.50	1	5.40	2	6.00	2	6.60	2	7.30	2	8.10	2	9.20	2	13.00	4
1968	15.00	11	15.00	10	16.00	11	17.00	11	17.00	11	19.00	11	20.00	11	21.00	11	24.00	13
1969	6.50	4	7.00	4	7.50	4	8.00	4	9.00	5	10.00	4	11.00	4	13.00	4	13.00	5
1970	19.00	15	19.00	15	20.00	15	20.00	15	22.00	15	25.00	15	25.00	15	27.00	15	34.00	15
1971	16.00	13	17.00	13	18.00	13	18.00	13	19.00	13	20.00	13	21.00	13	22.00	13	22.00	10
1972	15.00	12	16.00	12	16.00	12	17.00	12	18.00	12	19.00	12	20.00	12	21.00	12	22.00	11
1973	10.00	6	10.00	6	10.00	6	11.00	6	13.00	6	15.00	6	16.00	7	16.00	6	18.00	8
1974	14.00	8	14.00	7	15.00	9	16.00	9	16.00	8	17.00	9	18.00	10	20.00	10	23.00	12
1975	14.00	9	14.00	8	14.00	7	15.00	7	16.00	9	16.00	7	17.00	8	17.00	7	17.00	6
1976	15.00	10	15.00	11	15.00	10	16.00	10	16.00	10	18.00	10	18.00	9	19.00	9	21.00	9

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1961	34.0 16	32.0 16	31.0 16	30.0 16	29.0 16	26.0 16	25.0 16	22.0 16	19.0 16
1962	87.0 11	84.0 11	83.0 11	81.0 11	74.0 10	65.0 10	62.0 10	53.0 10	40.0 11
1963	352.0 1	258.0 4	159.0 6	118.0 8	116.0 8	99.0 8	81.0 8	70.0 7	63.0 7
1964	61.0 15	58.0 14	57.0 14	56.0 14	55.0 13	47.0 14	41.0 14	36.0 14	29.0 14
1965	347.0 2	293.0 1	193.0 3	177.0 3	155.0 4	131.0 3	117.0 3	102.0 3	80.0 3
1966	72.0 13	65.0 12	61.0 12	61.0 12	58.0 12	53.0 12	47.0 12	41.0 13	35.0 13
1967	265.0 3	265.0 2	259.0 1	245.0 1	209.0 2	183.0 2	146.0 2	121.0 2	92.0 2
1968	74.0 12	61.0 13	60.0 13	57.0 13	54.0 14	49.0 13	45.0 13	43.0 12	36.0 12
1969	264.0 4	261.0 3	258.0 2	244.0 2	227.0 1	196.0 1	164.0 1	139.0 1	104.0 1
1970	170.0 7	144.0 9	119.0 9	113.0 9	105.0 9	92.0 9	77.0 9	69.0 9	63.0 8
1971	186.0 5	169.0 6	165.0 5	157.0 5	139.0 5	116.0 5	101.0 4	89.0 4	70.0 4
1972	94.0 10	92.0 10	90.0 10	84.0 10	73.0 11	64.0 11	55.0 11	51.0 11	41.0 10
1973	155.0 8	149.0 8	139.0 8	132.0 7	128.0 7	101.0 7	83.0 7	70.0 8	53.0 9
1974	155.0 9	152.0 7	149.0 7	146.0 6	132.0 6	114.0 6	97.0 6	85.0 5	67.0 5
1975	182.0 6	179.0 5	173.0 4	172.0 4	155.0 3	126.0 4	101.0 5	83.0 6	63.0 6
1976	62.0 14	43.0 15	37.0 15	36.0 15	33.0 15	29.0 15	27.0 15	24.0 15	22.0 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
17.8	20.2	22.2	24.6	24.9	27.3	41.8	81.0	95.6	46.7	23.2	17.1
43.7	30.9	138	161	149	75.7	196	1525	3259	1265	204	75.3
6.61	5.56	11.7	12.7	12.2	8.70	14.0	39.1	57.1	35.6	14.3	8.68
0.12	-0.19	2.71	1.75	2.13	-0.11	0.59	1.01	0.28	1.06	0.58	0.47
0.37	0.28	0.53	0.52	0.49	0.32	0.34	0.48	0.60	0.76	0.62	0.51
4.03	4.57	5.01	5.56	5.64	6.18	9.44	18.3	21.6	10.5	5.24	3.87

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
36.9	206	14.3	0.16	0.39	-0.303

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.22	1.29	1.31	1.35	1.36	1.41	1.60	1.86	1.88	1.53	1.28	1.18
0.03	0.02	0.03	0.04	0.03	0.02	0.02	0.05	0.11	0.14	0.09	0.06
0.18	0.13	0.18	0.20	0.17	0.15	0.15	0.22	0.33	0.38	0.29	0.24
-0.43	-0.67	0.98	0.46	1.18	-0.47	-0.05	-0.41	-0.69	-0.35	-0.17	-0.20
0.14	0.10	0.14	0.15	0.13	0.11	0.09	0.12	0.17	0.25	0.23	0.20
7.06	7.46	7.56	7.80	7.88	8.19	9.25	10.8	10.9	8.88	7.41	6.82

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.53	0.03	0.19	-0.54	0.12	-0.210

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	64.0	1965	411.0	1969	280.0	1973	176.0
1962	90.0	1966	80.0	1970	250.0	1974	163.0
1963	535.0	1967	280.0	1971	226.0	1975	202.0
1964	57.0	1968	82.0	1972	100.0	1976	97.0

10336780 TROUT CREEK NEAR TAHOE VALLEY, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1920	2.1920
STANDARD DEVIATION	0.2962	0.2962
SKEW COEFFICIENTS		
STATION	0.1821	0.1821
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	30.2	28.6	21.4	12.9	45.5
0.9900	34.9	33.5	26.3	16.0	51.7
0.9500	52.5	51.7	46.3	29.0	74.0
0.9000	65.9	65.4	60.5	39.8	90.5
0.8000	87.2	87.4	83.9	58.1	117.1
0.5000	152.4	153.8	153.8	114.5	206.2
0.2000	274.3	275.2	287.5	205.4	413.0
0.1000	377.5	375.5	409.2	271.0	619.6
0.0400	535.3	525.5	602.7	360.4	975.5
0.0200	674.3	654.7	795.9	432.1	1319.2
0.0100	832.6	799.4	1063.8	508.3	1739.1

10337900 TRUCKEE RIVER TRIBUTARY NEAR TRUCKEE, CA

LOCATION.--Lat 39°16'48", long 120°12'21", in SW¼NE¼ sec.33, T.17 N., R.16 E., Placer County, Hydrologic Unit 16050102, at culvert on State Highway 89, 3.5 mi (5.6 km) southwest of Truckee.

DRAINAGE AREA.--1.05 mi² (2.72 km²).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	220.0	1966	2.0	1969	25.0	1972	4.5
1964	6.0	1967	28.0	1970	37.0	1973	9.0
1965	90.0	1968	25.0	1971	16.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.2726	1.2726
STANDARD DEVIATION	0.5862	0.5862
SKEW COEFFICIENTS		
STATION	0.1626	0.1626
GENERALIZED	--	0.2000
WRC WEIGHTED	--	0.2000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.7	0.7	0.3	0.1	2.1
0.9900	1.0	1.0	0.5	0.1	2.6
0.9500	2.2	2.2	1.6	0.5	5.0
0.9000	3.4	3.4	2.8	0.9	7.3
0.8000	6.0	5.9	5.3	2.1	11.9
0.5000	18.1	17.9	17.9	8.7	36.5
0.2000	57.6	57.5	65.5	28.9	162.4
0.1000	108.0	108.5	140.6	50.6	402.9
0.0400	214.3	217.8	336.6	90.0	1135.9
0.0200	336.5	345.5	674.9	136.0	2286.1
0.0100	506.2	527.1	1291.9	180.9	4363.2

10338000 TRUCKEE RIVER NEAR TRUCKEE, CA

LOCATION.--Lat 39°17'30", long 120°12'30", in SW¼NE¼ sec.28, T.17 N., R.16 E., Placer County, Hydrologic Unit 16050102, on left bank 1.4 mi (2.2 km) upstream from Donner Creek, and 2.5 mi (4.0 km) southwest of Truckee.

DRAINAGE AREA.--552 mi^2 (1,430 km^2).

REMARKS.--Flow regulated by Lake Tahoe, operating capacity 744,600 acre-ft (91.8 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1946											9	38	21	24	20	20	32	32	46	22	39	36	15	6	5										
1947										1	2	10	5	9	9	12	30	73	62	64	36	52													
1948								12	9	1	3	4	3	9	3	11	17	27	61	84	79	40	3												
1949						1		1			1	1	6	5	8	64	36	86	61	28	19	47		1											
1950				12	2	1	3	10	28	18	40	18	16	20	11	13	19	15	17	14	61	29	16	2											
1951							3	4	2	3	2	16	2	5	5	19	18	28	21	58	22	60	9	18	15	7	5	24	13	1	2	2			1
1952								27	35	9	13	10	5	3	2	9	10	6	29	22	4	12	8	6	2	1	2	6	75	31	22	17			
1953									1	7	12	5	3	5	10	6	7	74	14	20	98	13	11	15	14	12	22	9	3	4					
1954													2	42	26	36	11	25	13	115	19	73	2					1							
1955												3	5	16	16	12	22	39	85	60	20	80	7												
1956												14	45	29	19	44	24	42	17	21	11	21	10	14	5	5	4	27	12				1		1
1957											24	12	5		6	18	21	31	63	67	46	31	6	2	12	3	1	14	2	1					
1958				2	7	9	5	7	4	2	4	25	15	8	7	5	47	18	11	77	20	25	4			1		2		11	26	23			
1959							1	5	11	12	10	15	11	32	22	22	13	10	2	55	58	42	44												
1960		3	3	4	2	3	6	10	2	2	3	8	3	17	11	21	22	25	48	86	17	47	21	1	1										
1961			1	4	4	4	6	9	10	1	4	18	24	35	40	44	47	50	36	18	10														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	83.0	171	5191	88.8	24	680	54	448	7.6
1	12.00	3	5844	100.0	13	98.0	259	5020	85.9	25	810	29	394	6.7
2	14.00	4	5841	99.9	14	120.0	215	4761	81.5	26	960	34	365	6.2
3	17.00	22	5837	99.9	15	140.0	356	4546	77.8	27	1100	83	331	5.6
4	20.00	15	5815	99.5	16	170.0	376	4190	71.7	28	1400	105	248	4.2
5	24.00	18	5800	99.2	17	200.0	581	3814	65.3	29	1600	48	143	2.4
6	29.00	24	5782	98.9	18	240.0	586	3233	55.3	30	1900	50	95	1.6
7	34.00	85	5758	98.5	19	280.0	811	2647	45.3	31	2300	42	45	.7
8	41.00	102	5673	97.1	20	340.0	559	1836	31.4	32	2800	1	3	
9	49.00	56	5571	95.3	21	400.0	608	1277	21.9	33	3300		2	
10	58.00	127	5515	94.4	22	480.0	156	669	11.4	34	3900	2	2	
11	69.00	197	5388	92.2	23	570.0	65	513	8.8					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1947	52.00	10	67.00	11	68.00	10	106.00	12	164.00	15	183.00	14	199.00	11	220.00	11	231.00	5
1948	34.00	7	36.00	6	38.00	7	39.00	5	49.00	6	114.00	7	161.00	9	198.00	7	248.00	9
1949	28.00	4	47.00	9	69.00	11	132.00	15	150.00	14	177.00	13	182.00	10	188.00	5	196.00	3
1950	17.00	2	17.00	2	17.00	2	18.00	1	30.00	2	41.00	1	45.00	1	58.00	1	71.00	1
1951	30.00	5	30.00	4	36.00	5	56.00	8	73.00	9	272.00	15	312.00	15	310.00	15	329.00	15
1952	34.00	8	37.00	7	38.00	6	38.00	4	40.00	4	78.00	4	136.00	4	161.00	3	244.00	8
1953	38.00	9	38.00	8	39.00	8	41.00	6	45.00	5	76.00	3	152.00	8	207.00	9	269.00	13
1954	103.00	15	106.00	15	108.00	15	110.00	13	114.00	11	166.00	12	200.00	12	226.00	12	243.00	6
1955	94.00	14	96.00	14	104.00	14	111.00	14	126.00	13	141.00	10	205.00	14	227.00	13	258.00	11
1956	74.00	12	76.00	12	84.00	13	91.00	11	114.00	12	159.00	11	204.00	13	246.00	14	293.00	14
1957	82.00	13	82.00	13	83.00	12	83.00	10	85.00	10	117.00	8	150.00	6	202.00	8	243.00	7
1958	58.00	11	58.00	10	59.00	9	61.00	9	65.00	7	134.00	9	151.00	7	192.00	6	228.00	4
1959	19.00	3	19.00	3	20.00	3	23.00	3	28.00	1	59.00	2	137.00	5	211.00	10	250.00	10
1960	32.00	6	33.00	5	35.00	4	50.00	7	67.00	8	96.00	6	111.00	3	163.00	4	260.00	12
1961	12.00	1	13.00	1	14.00	1	18.00	2	31.00	3	90.00	5	100.00	2	112.00	2	150.00	2

10338000 TRUCKEE RIVER NEAR TRUCKEE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1946	727.0	8	704.0	8	682.0	7	633.0	7	565.0	7	451.0	10	383.0	9	382.0	8	339.0	7
1947	457.0	15	457.0	15	454.0	15	453.0	15	442.0	15	334.0	15	347.0	15	323.0	13	297.0	13
1948	563.0	12	473.0	14	470.0	13	465.0	12	451.0	14	417.0	12	379.0	10	352.0	10	325.0	10
1949	598.0	10	507.0	11	466.0	14	462.0	13	452.0	13	411.0	13	356.0	13	350.0	11	299.0	11
1950	592.0	11	569.0	9	560.0	8	543.0	8	467.0	11	396.0	14	356.0	14	357.0	9	339.0	8
1951	3920.0	2	2890.0	2	1850.0	3	1420.0	4	1150.0	4	1110.0	3	1020.0	3	822.0	3	594.0	3
1952	2450.0	4	2400.0	4	2380.0	2	2370.0	2	2270.0	2	2040.0	2	1840.0	1	1750.0	1	1500.0	1
1953	1880.0	5	1830.0	5	1640.0	4	1430.0	3	1140.0	5	835.0	4	662.0	4	558.0	5	528.0	5
1954	1160.0	7	750.0	7	509.0	10	454.0	14	453.0	12	432.0	11	370.0	11	309.0	14	297.0	12
1955	545.0	13	545.0	10	528.0	9	496.0	9	473.0	10	454.0	9	446.0	7	399.0	7	326.0	9
1956	5280.0	1	3210.0	1	1640.0	5	1390.0	5	1190.0	3	746.0	5	621.0	5	672.0	4	572.0	4
1957	1670.0	6	1530.0	6	1330.0	6	1210.0	6	807.0	6	519.0	6	504.0	6	471.0	6	396.0	6
1958	2730.0	3	2650.0	3	2610.0	1	2530.0	1	2420.0	1	2180.0	1	1590.0	2	1220.0	2	869.0	2
1959	510.0	14	506.0	12	501.0	11	496.0	10	494.0	8	485.0	7	425.0	8	339.0	12	269.0	14
1960	689.0	9	498.0	13	494.0	12	488.0	11	474.0	9	463.0	8	360.0	12	299.0	15	264.0	15
1961	385.0	16	380.0	16	363.0	16	323.0	16	279.0	16	247.0	16	242.0	16	228.0	16	191.0	16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
273	263	315	308	326	327	412	550	456	300	295	313
9745	13790	45950	96210	141100	131400	238800	461300	143500	13630	25590	20320
98.7	117	214	310	376	362	489	679	379	117	160	143
-1.33	0.54	2.50	1.96	2.71	2.26	2.47	2.42	1.41	0.28	-0.38	-0.65
0.36	0.45	0.68	1.01	1.15	1.11	1.19	1.23	0.83	0.39	0.54	0.46
6.60	6.36	7.62	7.43	7.88	7.91	9.95	13.3	11.0	7.25	7.14	7.56

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
345	26530	163	1.87	0.47	0.312

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.38	2.37	2.42	2.34	2.35	2.35	2.46	2.57	2.53	2.44	2.37	2.42
0.07	0.05	0.08	0.12	0.13	0.13	0.10	0.12	0.12	0.03	0.13	0.10
0.27	0.23	0.28	0.34	0.36	0.36	0.32	0.34	0.34	0.19	0.35	0.32
-2.22	-1.12	-0.88	0.89	0.94	0.96	1.81	1.59	0.20	-0.55	-1.26	-1.87
0.11	0.10	0.12	0.15	0.15	0.15	0.13	0.13	0.14	0.08	0.15	0.13
8.22	8.17	8.34	8.07	8.09	8.09	8.49	8.86	8.72	8.42	8.17	8.34

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.50	0.03	0.17	0.80	0.07	0.355

10338000 TRUCKEE RIVER NEAR TRUCKEE, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1945	1110.0	1950	700.0	1955	552.0	1959	576.0
1946	838.0	1951	6480.0	1956	7760.0	1960	1190.0
1947	677.0	1952	2640.0	1957	2040.0	1961	390.0
1948	708.0	1953	1990.0	1958	2920.0	1963	11000.0
1949	671.0	1954	1540.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1620	3.1620
STANDARD DEVIATION	0.4262	0.4262
SKEW COEFFICIENTS		
STATION	0.7815	0.7815
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	18	18
PERIOD (YEARS)	18	18

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	235.7	127.1	87.5	44.2	239.8
0.9900	261.7	159.2	118.0	60.0	288.4
0.9500	369.4	297.4	259.2	138.5	485.5
0.9000	461.1	417.4	377.9	216.1	650.0
0.8000	626.7	633.0	601.2	367.8	943.7
0.5000	1279.4	1428.6	1428.6	959.5	2120.9
0.2000	3127.2	3299.3	3487.2	2214.6	5664.7
0.1000	5386.0	5158.1	5756.4	3303.7	10027.1
0.0400	10216.9	8366.1	9982.5	4994.2	18970.6
0.0200	15985.8	11478.8	14801.6	6499.7	28984.0
0.0100	24475.6	15297.1	21804.1	8230.2	42719.5

10339200 MIDDLE MARTIS CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°16'55", long 120°06'12", in SW¼NW¼ sec.33, T.17 N., R.17 E., Placer County, Hydrologic Unit 16050102, at culvert on Truckee-Kings Beach Road, Tahoe National Forest, 5.3 mi (8.5 km) southeast of Truckee.

DRAINAGE AREA.--2.80 mi² (7.25 km²).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1965	40.0	1968	13.0	1970	35.0	1972	67.0
1966	4.0	1969	26.0	1971	8.0	1973	15.0
1967	35.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3029	1.3029
STANDARD DEVIATION	0.3865	0.3865
SKEW COEFFICIENTS		
STATION	-0.6059	-0.6059
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	9	9

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.2	2.2	1.0	0.4	4.8
0.9900	1.7	2.7	1.5	0.6	5.6
0.9500	4.1	4.8	3.7	1.5	8.7
0.9000	6.2	6.5	5.4	2.4	11.2
0.8000	9.9	9.5	8.6	4.2	15.6
0.5000	22.0	19.8	19.8	11.6	33.7
0.2000	43.1	42.3	46.9	25.7	94.2
0.1000	58.4	63.4	77.5	36.7	175.0
0.0400	78.1	98.3	140.5	52.5	351.5
0.0200	92.6	131.0	218.0	65.7	560.0
0.0100	106.6	170.0	347.4	80.3	858.1

10339400 MARTIS CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°19'44", long 120°07'00", in NE¼NW¼ sec.17, T.17 N., R.17 E., Nevada County, Hydrologic Unit 16050102, in Tahoe National Forest, on left bank 0.2 mi (0.3 km) downstream from Martis Creek Lake Dam, 1.8 mi (2.9 km) upstream from mouth, and 3.5 mi (5.6 km) east of Truckee.

DRAINAGE AREA.--40.0 mi^2 (103.6 km^2).

REMARKS.--Flow subject to regulation by Martis Creek Lake Dam since Oct. 7, 1971.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1959			2	38	46	4	5	12	9	5	30	66	48	10	20	9	29	21	6	1	1	1	1	1											
1960			42	42	17	9	7	5	58	43	22	27	20	19	4	2	5	4	7	13	12	4	1	1	1			1							
1961		18	39	23	20	14	14	40	31	41	26	22	40	17	15	2	2	1																	
1962			7	34	44	26	41	49	23	13	10	6	14	12	16	6	4	7	7	15	5	8	4	4	9		1								
1963					9	25	57	19	25	16	10	10	39	21	14	19	12	11	10	22	17	11	8	4	1	2			1						2
1964			24	21	29	18	1	2	7	24	51	48	50	13	4	9	10	14	27	4	7	3													
1965					3	10	23	13	53	34	18	13	8	12	19	18	32	24	22	27	13	2	2	9	5	2				1	1	1			
1966			33	36	12	15	14	27	22	32	26	64	27	9	3	4	7	10	9	10	4	1													
1967						12	7	11	10	30	38	46	16	28	19	18	13	24	16	9	11	11	9	12	3	6	4	8	4						
1968				15	27	38	16	8	5	16	30	71	35	12	12	26	9	9	16	14	1	3	3												
1969							10	1	10	45	58	49	21	25	9	17	17	5	5	10	7	6	11	27	15	11	4			1	1				
1970						2	22	38	14	11	8	53	34	26	6	27	32	52	13	5	3	3	4	3	2	1	2	2	2						
1971									8	45	39	56	37	54	16	12	10	5	11	4	14	15	18	19	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4748	100.0	12	11.0	534	2387	50.3	24	120	84	170	3.5
1	1.20	18	4748	100.0	13	14.0	288	1853	39.0	25	150	27	86	1.8
2	1.60	114	4730	99.6	14	17.0	246	1565	33.0	26	180	24	59	1.2
3	1.90	191	4616	97.2	15	21.0	126	1319	27.8	27	220	11	35	.7
4	2.30	207	4425	93.2	16	25.0	191	1193	25.1	28	270	10	24	.5
5	2.90	122	4218	88.8	17	31.0	179	1002	21.1	29	330	7	14	.2
6	3.50	170	4096	86.3	18	37.0	187	823	17.3	30	400	2	7	.1
7	4.20	257	3926	82.7	19	45.0	135	636	13.4	31	480	2	5	.1
8	5.20	245	3669	77.3	20	55.0	126	501	10.6	32	590	1	3	
9	6.30	273	3424	72.1	21	67.0	86	375	7.9	33	720		2	
10	7.70	368	3151	66.4	22	82.0	58	289	6.1	34	870	2	2	
11	9.30	396	2783	58.6	23	100.0	61	231	4.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1960	1.80	5	1.90	6	1.90	6	2.00	6	2.00	5	2.20	4	2.30	4	3.20	6	4.20	4
1961	1.60	4	1.60	2	1.70	3	1.70	3	1.80	3	1.80	1	2.00	2	2.20	2	3.30	2
1962	1.30	1	1.40	1	1.40	1	1.50	1	1.60	1	1.80	2	1.90	1	2.10	1	3.00	1
1963	1.60	2	1.70	3	1.80	4	1.90	4	2.00	4	2.20	5	2.50	5	3.10	5	7.90	7
1964	3.50	8	3.80	8	3.90	8	4.10	8	4.20	8	4.60	8	5.30	8	5.90	8	8.50	8
1965	1.60	3	1.70	4	1.70	2	1.70	2	1.80	2	2.00	3	2.30	3	2.80	3	4.70	5
1966	5.00	10	5.00	10	5.00	10	5.60	10	6.50	10	7.10	10	7.80	10	7.80	10	9.60	9
1967	1.90	6	1.90	5	1.90	5	2.00	5	2.10	6	2.30	6	2.60	6	2.90	4	4.10	3
1968	8.20	12	8.30	12	9.00	12	9.20	12	9.70	12	10.00	12	11.00	12	11.00	11	12.00	11
1969	2.60	7	2.60	7	2.70	7	2.70	7	2.90	7	3.50	7	3.60	7	3.90	7	6.10	6
1970	7.40	11	7.60	11	8.30	11	9.00	11	9.30	11	9.40	11	10.00	11	11.00	12	13.00	12
1971	4.00	9	4.30	9	4.50	9	4.70	9	5.10	9	5.40	9	6.00	9	7.00	9	10.00	10

10339400 MARTIS CREEK NEAR TRUCKEE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1959	100.0 10	68.0 11	46.0 12	34.0 12	32.0 12	31.0 12	27.0 12	25.0 12	20.0 12
1960	246.0 6	116.0 8	78.0 9	63.0 9	60.0 8	44.0 9	37.0 9	31.0 9	23.0 9
1961	32.0 13	25.0 13	22.0 13	18.0 13	16.0 13	14.0 13	13.0 13	12.0 13	10.0 13
1962	185.0 8	134.0 7	131.0 7	116.0 7	91.0 7	65.0 7	51.0 7	44.0 7	30.0 7
1963	903.0 1	709.0 1	385.0 1	209.0 2	120.0 4	79.0 6	73.0 4	75.0 3	55.0 5
1964	71.0 12	68.0 12	65.0 10	57.0 10	49.0 11	40.0 10	32.0 10	27.0 10	21.0 10
1965	842.0 2	516.0 2	315.0 3	178.0 5	109.0 6	81.0 5	68.0 5	57.0 6	61.0 3
1966	91.0 11	79.0 10	61.0 11	57.0 11	53.0 9	38.0 11	29.0 11	25.0 11	21.0 11
1967	343.0 5	332.0 4	316.0 2	280.0 1	220.0 1	152.0 2	125.0 1	107.0 1	79.0 2
1968	105.0 9	96.0 9	85.0 8	69.0 8	51.0 10	50.0 8	42.0 8	35.0 8	28.0 8
1969	519.0 3	395.0 3	238.0 5	187.0 4	168.0 2	155.0 1	125.0 2	99.0 2	84.0 1
1970	384.0 4	286.0 5	240.0 4	198.0 3	128.0 3	83.0 4	67.0 6	60.0 5	49.0 6
1971	213.0 7	168.0 6	144.0 6	133.0 6	116.0 5	109.0 3	91.0 3	74.0 4	55.0 4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
			30.6	28.1	36.5	60.2	59.5	22.6	6.40	4.90	5.51
8.05	12.0	18.5									
15.1	20.3	460	1143	369	328	1452	3749	720	29.8	11.6	8.47
3.89	4.51	21.4	33.8	19.2	18.1	38.1	61.2	26.8	5.46	3.41	2.91
0.97	-0.25	3.06	1.85	2.14	0.81	1.09	1.42	2.05	1.14	0.71	0.42
0.48	0.38	1.16	1.10	0.68	0.50	0.63	1.03	1.19	0.85	0.70	0.53
2.75	4.09	6.33	10.5	9.59	12.5	20.5	20.3	7.72	2.19	1.67	1.88

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.4	181	13.5	0.49	0.55	-0.144

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.86	1.04	1.13	1.29	1.37	1.51	1.70	1.56	1.11	0.67	0.59	0.68
0.04	0.04	0.10	0.17	0.07	0.06	0.08	0.21	0.22	0.13	0.09	0.06
0.20	0.19	0.31	0.42	0.26	0.24	0.27	0.46	0.47	0.36	0.31	0.24
0.28	-0.71	1.53	0.52	0.25	-0.59	0.01	0.21	0.41	0.46	0.30	0.01
0.23	0.18	0.28	0.32	0.19	0.16	0.16	0.29	0.43	0.54	0.52	0.35
6.38	7.72	8.36	9.53	10.2	11.2	12.6	11.5	8.23	4.93	4.37	5.04

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.32	0.07	0.26	-0.19	0.20	0.008

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)
1959	232.0
1960	436.0
1961	98.0
1962	394.0
1963	1880.0
1964	161.0
1965	1040.0
1966	146.0
1967	680.0
1968	141.0
1969	647.0
1970	795.0
1971	258.0

10339400 MARTIS CREEK NEAR TRUCKEE, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5661	2.5661
STANDARD DEVIATION	0.3886	0.3886
SKEW COEFFICIENTS		
STATION	0.2224	0.2229
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	44.3	39.9	24.4	11.7	77.6
0.9900	53.2	49.0	33.1	15.8	91.3
0.9500	89.6	86.7	72.3	35.9	145.0
0.9000	119.7	118.1	104.1	55.5	188.3
0.8000	172.0	172.7	161.7	93.3	263.7
0.5000	356.2	362.7	362.7	234.7	558.5
0.2000	773.1	778.2	835.3	510.0	1436.3
0.1000	1181.6	1169.7	1344.1	731.9	2507.8
0.0400	1884.9	1818.1	2275.6	1058.7	4684.9
0.0200	2569.6	2426.0	3402.6	1337.8	7103.5
0.0100	3414.2	3152.2	5037.1	1648.7	10400.5

10339700 PROSSER CREEK AT HOBART MILLS, CA

LOCATION.--Lat 39°24'00", long 120°12'00", in NE¼NE¼ sec.21, T.18 N., R.16 E., Nevada County, Hydrologic Unit 16050102, on left bank 0.8 mi (1.3 km) west of Hobart Mills, 3 mi (4 km) upstream from Alder Creek, and 5 mi (8 km) north of Truckee.

DRAINAGE AREA.--27.4 mi^2 (71.0 km^2).

REMARKS.--No known regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1959		10	24	13	8	7	22	48	19	12	12	16	13	9	12	5	6	5	12	13	12	8	18	16	26	11	6	2							
1960		39	33	72	5	9	23	8	7	3	6	3	5	7	8	7	7	4	5	5	7	6	8	11	15	15	13	21	9	4		1			
1961		35	27	26	10	10	16	12	41	16	10	7	3	4	28	10	9	5	4	5	6	7	12	18	19	11	10	4							
1962			2	8	16	32	22	26	26	39	23	14	8	9	8	7	8	6	5	4	1	7	4	5	7	12	16	13	11	12	13	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1461	100.0	12	16.0	29	644	44.1	24	100	67	252	17.2
1	3.00	84	1461	100.0	13	19.0	29	615	42.1	25	120	49	185	12.6
2	3.50	86	1377	94.3	14	22.0	56	586	40.1	26	140	45	136	9.3
3	4.10	119	1291	88.4	15	26.0	29	530	36.3	27	160	40	91	6.2
4	4.80	39	1172	80.2	16	30.0	30	501	34.3	28	190	20	51	3.4
5	5.50	58	1133	77.5	17	35.0	20	471	32.2	29	220	16	31	2.1
6	6.50	83	1075	73.6	18	41.0	26	451	30.9	30	260	13	15	1.0
7	7.50	94	992	67.9	19	48.0	27	425	29.1	31	300	2	2	.1
8	8.80	93	898	61.5	20	55.0	26	398	27.2	32	350			
9	10.00	70	805	55.1	21	65.0	28	372	25.5	33	410			
10	12.00	51	735	50.3	22	75.0	42	344	23.5	34	480			
11	14.00	40	684	46.8	23	88.0	50	302	20.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1960	3.00	1	3.00	1	3.30	3	3.40	3	3.70	3	4.30	3	4.40	3	4.80	2	5.00	1
1961	3.00	2	3.00	2	3.10	1	3.30	2	3.30	2	3.40	1	3.90	1	4.70	1	6.50	2
1962	3.00	3	3.00	3	3.10	2	3.10	1	3.20	1	3.60	2	4.00	2	5.50	3	7.50	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1959	189.0	3	156.0	4	135.0	4	120.0	4	117.0	4	108.0	4	97.0	4	85.0	3	66.0	3
1960	318.0	1	241.0	2	221.0	2	186.0	2	165.0	2	146.0	2	142.0	2	122.0	2	90.0	2
1961	170.0	4	166.0	3	156.0	3	138.0	3	127.0	3	109.0	3	101.0	3	83.0	4	62.0	4
1962	310.0	2	293.0	1	278.0	1	257.0	1	245.0	1	204.0	1	181.0	1	148.0	1	104.0	1

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
25.6	13.0	20.2	15.0	33.3	46.9	143	132	103	19.3	4.98	4.91
1884	130	590	176	70.8	923	2855	1144	1022	187	6.49	2.18
43.4	11.4	24.3	13.3	8.42	30.4	53.4	33.8	32.0	13.7	2.55	1.48
2.23	2.05	2.15	1.96	1.56	0.94	1.07	1.24	0.53	1.84	1.93	-0.09
1.70	0.87	1.21	0.88	0.25	0.65	0.37	0.26	0.31	0.71	0.51	0.30
4.55	2.32	3.59	2.68	5.92	8.35	25.5	23.5	18.4	3.43	0.89	0.87

10339700 PROSSER CREEK AT HOBART MILLS, CA--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
43.8	102	10.1	0.61	0.23	-0.975

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.02	1.01	1.12	1.08	1.51	1.60	2.13	2.11	2.00	1.22	0.66	0.68
0.32	0.10	0.17	0.10	0.01	0.09	0.02	0.01	0.02	0.07	0.04	0.02
0.57	0.31	0.42	0.32	0.10	0.29	0.16	0.11	0.13	0.26	0.19	0.14
1.98	1.16	1.34	1.80	1.36	0.01	0.63	0.92	0.09	1.56	1.83	-0.22
0.56	0.31	0.37	0.29	0.07	0.18	0.07	0.05	0.07	0.22	0.29	0.20
6.33	6.27	6.91	6.67	9.37	9.91	13.2	13.1	12.4	7.54	4.10	4.18

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.63	0.01	0.10	0.41	0.06	-0.992

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1959	262.0	1961	244.0	1962	352.0	1963	4920.0
1960	521.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7522	2.7522
STANDARD DEVIATION	0.5411	0.5411
SKEW COEFFICIENTS		
STATION	1.9338	1.9338
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	157.2	25.7	0.0	0.3	100.1
0.9900	158.4	34.1	0.0	0.5	122.4
0.9500	168.4	75.5	33.6	3.3	219.7
0.9000	181.6	116.1	72.2	8.6	309.6
0.8000	212.7	196.9	152.3	26.7	494.1
0.5000	389.6	553.6	553.6	177.5	1690.4
0.2000	1225.1	1602.5	2111.6	639.1	11657.9
0.1000	2883.8	2826.3	4771.0	1054.7	39240.3
0.0400	8884.1	5222.9	15431.1	1705.5	155218.5
0.0200	20745.5	7804.5	41627.8	2290.9	388982.8
0.0100	48356.5	11238.3	********	2969.9	903117.4

10339900 ALDER CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°22'07", long 120°10'54", in SE¼NE¼ sec.34, T.18 N., R.16 E., Nevada County, Hydrologic Unit 16050102, on right bank 0.6 mi (1.0 km) upstream from Prosser Creek Reservoir and 2.5 mi (4.0 km) north of Truckee.

DRAINAGE AREA.--7.47 mi^2 (19.35 km^2).

REMARKS.--No upstream diversions or regulation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1959	49	11	13	10	10	14	43	56	26	21	7	17	11	18	21	12	10	12	3		1														
1960	52	40	39	52	36	3	7	14	12	3	7	5	5	7	14	17	11	12	13	8	6	3													
1961	14	72	53	10	35	14	12	28	6	14	11	9	6	11	15	23	15	12	3	2															
1962		11	12	8	31	25	36	58	12	27	11	18	13	10	11	6	4	16	5	5	5	3	19	16	3										
1963					8	1	4	37	13	20	22	18	31	26	14	26	19	31	12	18	20	21	6	3	8	4	1				1	1			
1964							10	59	27	22	55	36	34	17	17	15	15	7	3	16	17	12	4												
1965							1	23	21	53	28	27	15	9	8	18	27	45	21	12	11	9	12	5	8	7	1	1			2	1			
1966					13	12	37	15	41	101	26	18	11	10	5	7	10	8	7	13	17	13	1												
1967								5	37	43	28	29	16	22	30	37	28	15	5	5	9	6	9	11	13	5	6	6							
1968						1	48	44	26	78	29	20	6	8	9	14	8	11	12	31	19	2													
1969							15	24	20	73	22	15	18	42	18	8	9	7	5	10	9	8	17	12	11	11	8	3							
1971							6	34	18	45	45	42	32	23	15	4	2	4	5	8	22	25	16	14	5										
1972					10	5	15	21	55	84	42	20	7	3	4	7	3	19	12	31	25	3													
1973			4	6	5	2	5	15	21	80	30	26	21	37	10	14	13	9	4	6	9	16	23	7	2										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	115	5114	100.0	12	3.3	226	2099	41.0	24	65	50	108	2.1
1	0.10	134	4999	97.8	13	4.2	243	1873	36.6	25	83	27	58	1.1
2	0.20	121	4865	95.1	14	5.4	191	1630	31.9	26	110	16	31	.6
3	0.30	86	4744	92.8	15	6.9	208	1439	28.1	27	140	10	15	.2
4	0.40	148	4658	91.1	16	8.8	174	1231	24.1	28	180		5	
5	0.60	77	4510	88.2	17	11.0	208	1057	20.7	29	230		5	
6	0.70	239	4433	86.7	18	15.0	110	849	16.6	30	290	3	5	
7	0.90	433	4194	82.0	19	19.0	165	739	14.5	31	370	2	2	
8	1.20	335	3761	73.5	20	24.0	170	574	11.2	32				
9	1.50	664	3426	67.0	21	31.0	121	404	7.9	33				
10	2.00	363	2762	54.0	22	39.0	107	283	5.5	34				
11	2.50	300	2399	46.9	23	51.0	68	176	3.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1960	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.02	1	0.11	2	0.15	2	0.20	1
1961	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.03	2	0.04	1	0.08	1	0.23	2
1962	0.10	3	0.10	3	0.10	3	0.11	3	0.12	3	0.14	3	0.16	3	0.27	3	0.45	3
1963	0.10	4	0.13	4	0.17	4	0.25	4	0.37	4	0.51	4	0.74	4	1.30	8	4.50	12
1964	0.80	9	0.83	9	0.86	9	0.89	9	0.97	9	1.10	9	1.20	9	1.40	9	2.50	11
1965	0.70	8	0.73	8	0.77	8	0.84	8	0.88	8	0.94	7	0.96	7	1.10	6	1.50	5
1966	1.20	12	1.30	12	1.30	12	1.40	12	1.40	12	1.50	12	1.80	12	1.80	12	1.90	10
1967	0.51	6	0.50	6	0.50	6	0.56	5	0.59	5	0.66	5	0.80	5	0.91	4	1.50	6
1968	1.00	11	1.00	11	1.00	11	1.00	11	1.10	10	1.40	11	1.50	11	1.60	11	1.80	9
1969	0.60	7	0.67	7	0.70	7	0.70	7	0.78	7	0.94	8	0.92	6	1.00	5	1.20	4
1972	0.85	10	0.91	10	0.94	10	0.98	10	1.10	11	1.30	10	1.40	10	1.40	10	1.60	7
1973	0.43	5	0.45	5	0.49	5	0.57	6	0.68	6	0.87	6	1.10	8	1.20	7	1.60	8

10339900 ALDER CREEK NEAR TRUCKEE, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1959	27.0 13	18.0 14	13.0 14	12.0 14	11.0 14	8.2 14	6.7 14	5.6 14	4.4 14
1960	38.0 10	33.0 10	27.0 12	22.0 12	19.0 12	14.0 12	12.0 12	10.0 12	6.9 12
1961	21.0 14	19.0 13	16.0 13	13.0 13	11.0 13	9.3 13	7.9 13	6.3 13	4.5 13
1962	72.0 6	68.0 6	64.0 6	61.0 6	54.0 5	41.0 5	30.0 5	23.0 7	16.0 7
1963	371.0 2	279.0 2	158.0 2	89.0 4	53.0 6	36.0 7	29.0 6	33.0 3	24.0 4
1964	49.0 8	46.0 8	40.0 8	36.0 8	31.0 8	25.0 8	19.0 9	16.0 9	11.0 9
1965	470.0 1	371.0 1	228.0 1	126.0 2	69.0 3	42.0 4	33.0 4	27.0 5	31.0 2
1966	39.0 9	38.0 9	36.0 9	34.0 9	30.0 9	24.0 9	18.0 10	14.0 11	10.0 11
1967	156.0 3	153.0 3	146.0 3	128.0 1	102.0 1	72.0 2	51.0 2	43.0 2	31.0 3
1968	36.0 11	32.0 11	28.0 10	25.0 11	23.0 10	20.0 11	18.0 11	15.0 10	11.0 10
1969	156.0 4	147.0 4	136.0 4	122.0 3	100.0 2	76.0 1	59.0 1	46.0 1	33.0 1
1971	76.0 5	75.0 5	70.0 5	62.0 5	55.0 4	44.0 3	39.0 3	31.0 4	22.0 5
1972	33.0 12	31.0 12	28.0 11	27.0 10	23.0 11	22.0 10	20.0 8	17.0 8	12.0 8
1973	68.0 7	64.0 7	58.0 7	52.0 7	48.0 7	39.0 6	29.0 7	23.0 6	18.0 6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.14	2.08	6.49	4.81	7.39	9.71	27.7	33.8	12.0	2.29	1.09	0.92
15.4	2.24	235	24.7	107	26.1	205	783	245	4.50	0.66	0.38
3.92	1.50	15.3	4.97	10.3	5.11	14.3	28.0	15.7	2.12	0.82	0.62
3.63	1.41	3.64	1.21	3.29	1.14	0.51	1.16	2.56	1.55	0.51	0.39
1.83	0.72	2.36	1.03	1.40	0.53	0.52	0.83	1.31	0.93	0.75	0.67
1.94	1.88	5.88	4.36	6.69	8.79	25.1	30.6	10.8	2.08	0.98	0.84

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.20	29.1	5.40	0.38	0.59	-0.122

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.05	0.20	0.35	0.41	0.67	0.93	1.38	1.38	0.83	0.12	-0.21	-0.09
0.20	0.13	0.31	0.34	0.14	0.05	0.06	0.16	0.22	0.32	0.41	0.10
0.45	0.36	0.56	0.58	0.38	0.22	0.25	0.40	0.47	0.57	0.64	0.31
0.66	-0.62	1.07	-0.75	1.10	0.14	-0.45	-0.17	0.41	-1.09	-1.55	-1.04
9.05	1.75	1.62	1.41	0.57	0.24	0.18	0.29	0.57	4.57	-3.09	-3.60
0.82	3.36	5.72	6.83	11.1	15.5	22.9	22.8	13.7	2.06	-3.42	-1.44

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.88	0.09	0.30	-0.44	0.34	0.185

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1959	37.0	1963	730.0	1966	52.0	1969	203.0
1960	59.0	1964	70.0	1967	212.0	1972	40.0
1961	34.0	1965	680.0	1968	45.0	1973	99.0
1962	77.0						

10339900 ALDER CREEK NEAR TRUCKEE, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.9922	1.9922
STANDARD DEVIATION	0.4558	0.4558
SKEW COEFFICIENTS		
STATION	1.0548	1.0548
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	18.0	7.3	4.1	1.7	15.8
0.9900	19.3	9.2	5.8	2.4	19.1
0.9500	25.2	18.0	14.6	6.4	32.9
0.9000	30.4	25.9	22.3	10.7	44.7
0.8000	40.3	40.4	37.4	19.6	66.4
0.5000	81.9	96.5	96.5	57.9	160.1
0.2000	216.0	236.3	256.7	143.9	484.9
0.1000	401.2	381.1	448.5	219.9	932.2
0.0400	849.4	639.3	831.8	339.0	1940.1
0.0200	1451.1	896.6	1333.3	446.1	3161.2
0.0100	2432.4	1219.0	2112.3	570.0	4943.9
0.0050	4019.3	1618.4	3268.6	712.9	7488.1
0.0020	7675.6	2288.6	5992.7	934.9	12469.7

10340000 PROSSER CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°22'45", long 120°09'00", in SW¼ sec.25, T.18 N., R.16 E., Nevada County, Hydrologic Unit 16050102, at highway bridge, 200 ft (60 m) downstream from Alder Creek, 2 mi (3 km) upstream from mouth, and 4 mi (6 km) north of Truckee.

DRAINAGE AREA.--48 mi^2 (124 km^2), approximately.

REMARKS.--No known regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1904									5	35		8	24	34	6	48	10	3	12	8	12	3	8	5	4	29	20	25	17	22	18	4	3	2	1
1908		1		6	1	15		10	6	5	2	11	10	112	55	2	5	1	3	6	9	6	8	61	29	2									
1909					10		7	3	11	4	8	26	14	18	26	14	15	5	8	12	18	26	18	21	3	8	7	16	21	11	17	10	6	1	1
1910					3		61		3		3	1	10	3	8	3	26	15	7	17	1	48	20	29	23	32	18	25	6	1	1			1	
1911							23		20	3	32	15	31	2	16	15	3	7	10	30	18	10	5	10	11	11	18	16	6	10	25	17	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	25.0	89	1489	81.5	24	180	70	499	27.3
1	4.00	1	1827	100.0	13	29.0	169	1400	76.6	25	210	82	429	23.4
2	4.70	0	1826	99.9	14	34.0	111	1231	67.4	26	250	63	347	18.9
3	5.60	6	1826	99.9	15	40.0	82	1120	61.3	27	290	82	284	15.5
4	6.60	14	1820	99.6	16	47.0	59	1038	56.8	28	340	50	202	11.0
5	7.70	15	1806	98.9	17	56.0	31	979	53.6	29	410	44	152	8.3
6	9.10	91	1791	98.0	18	66.0	40	948	51.9	30	480	61	108	5.9
7	11.00	13	1700	93.0	19	78.0	73	908	49.7	31	560	31	47	2.5
8	13.00	45	1687	92.3	20	92.0	58	835	45.7	32	660	10	16	.8
9	15.00	47	1642	89.9	21	110.0	93	777	42.5	33	780	4	6	.3
10	18.00	45	1595	87.3	22	130.0	59	684	37.4	34	920	2	2	.1
11	21.00	61	1550	84.8	23	150.0	126	625	34.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1909	4.00	1	5.30	1	5.90	1	7.40	1	8.70	1	14.00	3	19.00	3	22.00	3	31.00	3
1910	7.00	3	7.00	3	7.00	2	7.90	3	11.00	4	17.00	4	27.00	4	39.00	4	85.00	4
1911	7.00	4	7.00	4	8.70	4	9.40	4	9.70	2	10.00	1	11.00	1	12.00	1	17.00	1
1912	5.00	2	6.00	2	7.00	3	7.50	2	9.90	3	13.00	2	15.00	2	17.00	2	19.00	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1904	924.0	2	895.0	2	681.0	1	506.0	3	459.0	3	418.0	3	395.0	3	387.0	1	301.0	1
1908	221.0	5	210.0	5	199.0	5	191.0	5	184.0	5	179.0	5	176.0	5	161.0	5	117.0	5
1909	1290.0	1	978.0	1	678.0	2	617.0	1	546.0	2	477.0	2	410.0	2	342.0	3	287.0	2
1910	900.0	3	536.0	4	378.0	4	320.0	4	302.0	4	269.0	4	253.0	4	230.0	4	193.0	4
1911	675.0	4	652.0	3	605.0	3	591.0	2	570.0	1	510.0	1	434.0	1	372.0	2	285.0	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
28.0	65.0	52.2	97.7	98.3	146	264	313	304	96.7	25.6	17.9
192	3410	3447	9499	5959	11620	15100	27720	21550	3718	286	34.2
13.9	58.4	58.7	97.5	77.2	108	123	167	147	61.0	16.9	5.85
0.03	1.00	2.28	1.54	1.11	1.06	-0.92	-0.19	0.58	0.26	0.55	0.26
0.50	0.90	1.12	1.00	0.79	0.74	0.47	0.53	0.48	0.63	0.66	0.33
1.85	4.31	3.46	6.48	6.52	9.67	17.5	20.8	20.1	6.41	1.70	1.19

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
140	1710	41.3	-1.45	0.30	-0.793

10340000 PROSSER CREEK NEAR TRUCKEE, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.39	1.67	1.55	1.80	1.86	2.05	2.36	2.43	2.44	1.90	1.32	1.23
0.06	0.14	0.16	0.21	0.16	0.14	0.09	0.08	0.05	0.10	0.10	0.02
0.24	0.38	0.39	0.46	0.40	0.38	0.30	0.28	0.22	0.31	0.31	0.15
-0.44	0.76	0.76	0.11	-0.46	-0.73	-1.69	-0.67	0.04	-0.15	-0.02	-0.21
0.18	0.23	0.25	0.25	0.22	0.18	0.13	0.12	0.09	0.16	0.24	0.12
6.34	7.59	7.05	8.19	8.44	9.31	10.7	11.0	11.1	8.64	6.00	5.61

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.12	0.02	0.16	-1.75	0.07	-0.690

10340500 PROSSER CREEK NEAR BOCA, CA

LOCATION.--Lat 39°22'24", long 120°07'50", in NW¼NW¼NE¼ sec.31, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank 1.0 mi (1.6 km) upstream from mouth, 0.2 mi (0.3 km) downstream from Prosser Creek Dam, and 2.6 mi (4.2 km) southwest of Boca.

DRAINAGE AREA.--53.2 mi^2 (137.8 km^2).

REMARKS.--Flow regulated by Prosser Creek dam since Jan. 31, 1963.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1943							16	53	22	11	10	7	10	14	15	14	14	37	26	22	17	8	24	23	15	6	1								
1944					29	12	26	6	15	143	12	7	4	4	7	8	18	12	12	14	19	3	9	4	2										
1945						24	54	3	7	38	65	7	12	20	15	13	14	16	8	20	12	5	5	7	7	9	4								
1946						21	27	7	23	6	4	11	12	97	11	11	17	10	29	20	9	8	5	8	11	18									
1947			20	27	15	3	8	3	44	10	42	4	3	38	21	28	19	20	18	25	7	5	5												
1948			15		33	5	14	43	63	15	44	13	5	6	18	7	2	2	7	25	19	15	11	4											
1949					79	12	11	35	56	38	4	9	13	18	8	5	3	5	3	15	10	18	14	7	2											
1950			44		17	11	34	1	14	70	5	5	4	5	5	6	8	12	13	17	14	15	22	17	14	12									
1952									13	12	16	18	43	45	50	26	8	5	4	13	5	11	15	15	12	5	6	33	9	2					
1953									18	56	54	14	12	8	19	31	12	9	11	15	21	22	34	16	9	3		1							
1954						18	38	7	22	29	23	43	17	32	11	16	23	12	11	9	11	7	16	17	1	1			1						
1955				2	24	17	25	31	10	66	40	13	15	14	5	7	11	16	20	9	7	9	15	9											
1956						6	25	13	8	33	25	13	8	6	3	3	38	16	22	22	15	13	25	24	15	18	6	5	1	1						2
1957						11	25	7	16	12	29	51	34	22	20	3	9	12	12	29	25	20	13	10	3		2									
1958									28	25	35	30	47	17	17	28	20	11	13	5	11	2	7	16	16	6	11	14	6						
1959				8	32	7	8	9	7	41	42	22	10	13	21	15	12	17	33	23	28	12	4	1											
1960				11	29	19	19	58	30	25	12	8	11	7	10	5	4	6	8	19	24	19	21	13	5	2		1							
1961			6	37	12	29	20	12	20	45	17	11	11	16	20	13	9	9	10	30	21	14	3												
1962					24	36	15	19	37	17	31	42	12	8	7	6	8	5	6	15	26	11	6	11	10	10	2	1							
1963						1	10	13	23	5	6	12	32	14	27	18	18	30	75	20	13	7	10	6	9	11			2	1	1	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	7305	100.0	12	26.0	319	3853	52.7	24	310	128	341	4.6
1	2.60	26	7305	100.0	13	32.0	419	3534	48.4	25	380	99	213	2.9
2	3.30	142	7279	99.6	14	39.0	292	3115	42.6	26	470	32	114	1.5
3	4.10	75	7137	97.7	15	48.0	255	2823	38.6	27	570	55	82	1.1
4	5.00	276	7062	96.7	16	59.0	274	2568	35.2	28	700	19	27	.3
5	6.20	224	6786	92.9	17	73.0	281	2294	31.4	29	860	4	8	.1
6	7.60	407	6562	89.8	18	90.0	362	2013	27.6	30	1100	1	4	
7	9.30	298	6155	84.3	19	110.0	368	1651	22.6	31	1300	1	3	
8	11.00	530	5857	80.2	20	140.0	286	1283	17.6	32	1600		2	
9	14.00	657	5327	72.9	21	170.0	207	997	13.6	33	2000		2	
10	17.00	486	4670	63.9	22	200.0	250	790	10.8	34	2400	2	2	
11	21.00	331	4184	57.3	23	250.0	199	540	7.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1944	7.00	12	7.00	12	7.90	14	8.90	14	9.00	14	9.60	14	11.00	12	12.00	11	13.00	8
1945	5.00	7	5.00	7	5.00	7	5.00	6	5.20	7	6.50	8	7.10	7	10.00	9	15.00	9
1946	7.00	13	7.00	13	7.00	11	7.50	13	8.10	13	8.70	11	10.00	10	17.00	14	25.00	16
1947	7.00	14	7.00	14	7.00	12	7.10	10	7.40	10	9.00	12	11.00	11	12.00	10	19.00	11
1948	3.00	2	3.00	1	3.10	1	3.30	1	3.30	1	3.90	1	5.20	2	9.10	6	11.00	6
1949	4.00	5	4.00	5	4.00	5	4.00	4	4.70	5	5.50	6	6.40	5	9.10	7	9.80	5
1950	5.00	8	5.00	8	5.00	6	5.00	7	5.00	6	5.10	4	5.70	4	6.50	3	9.10	4
1953	15.00	18	15.00	18	15.00	18	15.00	18	15.00	18	16.00	18	17.00	17	18.00	15	34.00	17
1954	12.00	16	12.00	16	12.00	16	12.00	16	12.00	15	14.00	16	15.00	16	18.00	16	20.00	12
1955	6.70	11	6.70	10	7.00	13	7.10	11	7.60	11	7.90	10	8.30	9	9.40	8	13.00	7
1956	4.60	6	4.90	6	5.10	8	5.20	8	5.60	8	6.50	7	7.20	8	8.20	5	17.00	10
1957	13.00	17	13.00	17	14.00	17	14.00	17	14.00	17	16.00	17	20.00	18	21.00	17	23.00	15
1958	6.60	10	6.70	11	6.90	10	7.30	12	7.80	12	9.20	13	12.00	13	15.00	13	20.00	13
1959	10.00	15	11.00	15	11.00	15	11.00	15	12.00	16	12.00	15	14.00	15	14.00	12	23.00	14
1960	3.80	4	3.90	4	3.90	4	4.10	5	4.40	4	5.10	5	6.80	6	7.10	4	8.20	1
1961	3.60	3	3.60	3	3.60	3	3.80	3	4.20	3	4.70	3	5.30	3	6.40	2	8.50	2
1962	2.70	1	3.00	2	3.20	2	3.40	2	3.50	2	3.90	2	4.50	1	6.20	1	9.00	3
1963	5.70	9	5.80	9	6.00	9	6.20	9	6.30	9	7.00	9	12.00	14	33.00	18	47.00	18

10340500 PROSSER CREEK NEAR BOCA, CA--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1943	472.0 11	400.0 12	369.0 10	353.0 9	324.0 8	275.0 7	248.0 5	215.0 5	171.0 4
1944	342.0 15	323.0 14	287.0 13	253.0 13	204.0 16	159.0 17	134.0 17	111.0 17	78.0 18
1945	501.0 10	494.0 6	476.0 5	441.0 4	368.0 5	261.0 8	206.0 9	170.0 9	120.0 11
1946	467.0 12	447.0 8	431.0 7	426.0 5	391.0 4	296.0 5	234.0 6	197.0 7	145.0 7
1947	228.0 18	221.0 18	207.0 18	166.0 18	152.0 18	126.0 18	112.0 18	97.0 18	75.0 19
1948	290.0 16	263.0 17	216.0 17	194.0 17	184.0 17	172.0 16	151.0 14	122.0 15	85.0 16
1949	347.0 14	307.0 15	271.0 14	250.0 14	223.0 13	196.0 12	155.0 13	124.0 14	86.0 14
1950	420.0 13	410.0 11	407.0 8	392.0 8	346.0 7	301.0 4	262.0 4	227.0 4	165.0 5
1952	929.0 3	869.0 3	775.0 2	709.0 1	673.0 1	604.0 1	497.0 1	417.0 1	293.0 1
1953	604.0 6	436.0 9	375.0 9	299.0 10	272.0 9	255.0 9	232.0 8	211.0 6	160.0 6
1954	776.0 5	477.0 7	294.0 12	274.0 12	247.0 12	207.0 10	179.0 11	151.0 11	111.0 12
1955	282.0 17	271.0 16	259.0 16	230.0 15	213.0 14	174.0 14	147.0 15	121.0 16	86.0 15
1956	3490.0 1	2300.0 1	1220.0 1	662.0 2	421.0 3	376.0 3	325.0 3	278.0 3	254.0 2
1957	530.0 9	435.0 10	303.0 11	280.0 11	248.0 11	207.0 11	185.0 10	168.0 10	126.0 10
1958	805.0 4	753.0 4	734.0 3	655.0 3	619.0 2	483.0 2	388.0 2	309.0 2	226.0 3
1959	208.0 19	172.0 19	152.0 20	142.0 19	134.0 20	120.0 19	109.0 19	97.0 19	80.0 17
1960	600.0 7	360.0 13	271.0 15	223.0 16	207.0 15	173.0 15	162.0 12	142.0 12	108.0 13
1961	176.0 20	166.0 20	157.0 19	141.0 20	135.0 19	117.0 20	107.0 20	90.0 20	68.0 20
1962	580.0 8	527.0 5	471.0 6	419.0 6	359.0 6	275.0 6	233.0 7	188.0 8	137.0 8
1963	1470.0 2	1180.0 2	683.0 4	398.0 7	272.0 10	186.0 13	147.0 16	136.0 13	126.0 9

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
13.1	34.5	47.9	36.1	45.1	75.4	203	261	157	48.5	12.1	8.45
28.5	3121	6088	1385	537	1664	7753	23690	7998	1876	109	16.2
5.34	55.9	78.0	37.2	23.2	40.8	88.0	154	89.4	43.3	10.4	4.02
0.51	4.23	3.00	2.20	0.21	0.74	0.68	1.77	1.29	1.76	2.00	1.28
0.41	1.62	1.63	1.03	0.51	0.54	0.43	0.59	0.57	0.89	0.86	0.48
1.39	3.67	5.08	3.83	4.79	8.01	21.5	27.7	16.7	5.15	1.28	0.90

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
76.8	1293	36.0	1.20	0.47	-0.017

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.08	1.36	1.42	1.41	1.59	1.81	2.27	2.36	2.14	1.55	0.97	0.89
0.03	0.10	0.16	0.12	0.07	0.06	0.04	0.05	0.05	0.12	0.09	0.04
0.18	0.32	0.40	0.34	0.27	0.25	0.19	0.22	0.23	0.35	0.30	0.19
0.13	1.99	1.60	0.96	-0.69	-0.28	-0.03	0.72	0.33	0.27	0.77	0.32
0.16	0.23	0.28	0.24	0.17	0.14	0.08	0.09	0.11	0.23	0.31	0.22
5.75	7.22	7.55	7.47	8.42	9.62	12.0	12.5	11.3	8.21	5.14	4.70

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.85	0.03	0.19	0.53	0.10	-0.027

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1943	472.0	1948	290.0	1953	903.0	1958	980.0
1944	433.0	1949	347.0	1954	1150.0	1959	264.0
1945	635.0	1950	420.0	1955	357.0	1960	860.0
1946	467.0	1951	4320.0	1956	4560.0	1961	312.0
1947	228.0	1952	1130.0	1957	1300.0	1962	640.0

10340500 PROSSER CREEK NEAR BOCA, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8222	2.8222
STANDARD DEVIATION	0.3628	0.3628
SKEW COEFFICIENTS		
STATION	1.0696	1.0696
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	20	20
PERIOD (YEARS)	20	20

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES				
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	173.6	83.5	63.1	36.3	140.0
0.9900	183.5	101.1	81.1	46.7	164.0
0.9500	225.8	172.2	155.3	94.0	256.5
0.9000	261.9	229.8	212.9	136.3	329.3
0.8000	326.7	327.5	314.9	212.6	452.8
0.5000	573.8	654.9	654.9	475.6	899.9
0.2000	1241.7	1335.6	1393.4	966.8	2053.9
0.1000	2035.7	1954.0	2125.2	1360.5	3311.2
0.0400	3708.7	2949.4	3379.5	1938.5	5639.7
0.0200	5693.6	3860.9	4704.0	2430.3	8033.5
0.0100	8611.9	4930.1	6395.2	2976.5	11104.2

10342000 LITTLE TRUCKEE RIVER NEAR HOBART MILLS, CA

LOCATION.--Lat 39°30'05", long 120°16'35", in NE¼NE¼ sec.14, T.19 N., R.15 E., Sierra County, Hydrologic Unit 16050102, on left bank 0.5 mi (0.8 km) upstream from Independence Creek, and 7.5 mi (12.1 km) northwest of Hobart Mills.

DRAINAGE AREA.--36.5 mi^2 (94.5 km^2).

REMARKS.--One transmountain diversion to Sierra Valley above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1948						4	41	13	13	7	53	20	23	55	18	22	6	2	7	4	5	11	16	20	16	8	2								
1949				17	40	8	20	13	27	46	61	38	16	4	5	1	3	2	2	3	2	10	8	12	19	5	2	1							
1950						16	22	54	18	27	33	8	5	15	21	22	18	4	5	6	10	17	15	12	9	9	9	10							
1951							32	58	20	7	2	1	1	5	3	10	9	30	32	29	27	21	20	19	18	11		3	4	1		1	1	
1952									10	20	23	10	25	63	66	12	6	5	4	4	3	17	6	9	12	23	21	11	16						
1953							2	13	8	26	62	11	21	14	6	20	29	18	18	14	11	10	17	21	17	15	7	5							
1954					1	15	8	41	26	9	26	28	42	48	19	8	3	7	9	14	9	9	5	6	13	17	2								
1955						9	15	36	59	14	90	36	9	4	3	12	1	15	14	3	3	2	4	13	14	9									
1956							20	18	44	19	29	9	2	1	2	4	21	22	27	22	19	15	13	14	27	11	8	12	4	2			1		
1957							16	41	19	7	10	33	34	52	13	11	10	10	12	14	18	9	10	18	10	8	8		2						
1958							4	28	7	6	23	28	19	37	38	15	28	24	8	8	7	5	15	8	5	17	16	9	10						
1959						41	27	16	16	30	49	11	4	9	15	20	18	17	17	10	23	24	15	3											
1960						33	16	37	117	14	5	3	8	9	6	3	4	7	9	10	25	16	16	21	7										
1961					6	30	63	50	51	15	10	12	21	10	11	6	6	8	12	17	12	9	12	4											
1962						27	49	29	67	28	15	28	9	7	4	6	6	6	4	2	5	10	21	22	13	5	2								
1963							20	18	16	14	9	2	1	2	18	12	30	35	43	35	21	19	18	14	12	10	9	5					1		1
1964						27	29	1	9	17	33	6	3	51	60	21	17	5	12	7	4	15	15	14	9	11									
1965						3		7	17	18	27	17	8	14	14	7	8	31	52	33	19	11	4	14	21	29	7		1	1		1		1
1966		11	12	17	31	17	34	9	4	4	8	13	39	51	17	18	10	3	4	2	3	7	14	22	13	2									
1967				22	13	14	18	4	1	8	12	3	9	12	23	40	40	28	17	7	11	10	8	4	10	6	10	21	14						
1968					18	17	44	13	4	26	46	29	6	30	7	3	5	16	10	7	21	24	20	12	8										
1969						5	43	10	8	10	4	6	34	26	11	29	32	16	7	9	12	25	10	10	9	8	10	12	19						
1970					12	8	35	10	20	11	29	25	11	3	2	3	2	15	21	38	38	22	12	14	16	12	2	2		1		1			
1971					3	18	10	26	13	8	13	1	4	14	16	31	40	28	20	12	16	15	10	15	11	13	21	7							
1972		2	9	13	10	10	21	7	6	5	28	34	49	37	7	11	3	4	7	17	18	20	16	19	13										

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9132	100.0
1	0.60	13	9132	100.0
2	0.90	21	9119	99.9
3	1.20	69	9098	99.6
4	1.50	134	9029	98.9
5	2.00	302	8895	97.4
6	2.60	589	8593	94.1
7	3.40	552	8004	87.6
8	4.40	600	7452	81.6
9	5.70	396	6852	75.0
10	7.40	700	6456	70.7
11	9.60	412	5756	63.0
12	13.0	403	5344	58.5
13	16.0	573	4941	54.1
14	21.0	405	4368	47.8
15	27.0	347	3963	43.4
16	36.0	355	3616	39.6
17	46.0	358	3261	35.7
18	60.0	373	2903	31.8
19	78.0	327	2530	27.7
20	100.0	342	2203	24.1
21	130.0	353	1861	20.4
22	170.0	320	1508	16.5
23	220.0	340	1188	13.0
24	290	302	848	9.2
25	380	229	546	5.9
26	490	136	317	3.4
27	640	98	181	1.9
28	830	70	83	.9
29	1100	5	13	.1
30	1400		8	
31	1800	1	8	
32	2400	3	7	
33	3100	2	4	
34	4000	2	2	

10342000 LITTLE TRUCKEE RIVER NEAR HOBART MILLS, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1948	1.50 4	1.50 4	1.50 3	1.60 3	1.60 3	1.70 3	1.90 2	2.80 3	5.90 6
1949	2.50 18	2.60 17	2.60 17	2.70 16	2.80 14	3.20 13	3.80 12	5.20 13	5.90 7
1950	1.30 2	1.30 2	1.30 2	1.30 2	1.40 2	1.50 2	2.00 3	2.50 2	4.00 3
1951	2.20 13	2.20 14	2.20 11	2.30 10	2.60 12	3.10 12	4.10 15	11.00 23	105.00 25
1952	2.70 19	2.70 18	2.70 18	2.90 18	3.20 18	3.50 15	3.60 9	4.70 12	9.80 13
1953	4.60 25	4.80 25	5.50 25	5.50 25	5.80 25	6.90 25	7.40 24	8.90 20	20.00 21
1954	3.00 20	3.20 23	3.40 23	4.20 24	4.80 24	6.20 24	7.30 23	9.80 21	12.00 17
1955	1.90 8	2.10 12	2.20 12	2.40 11	2.90 15	3.70 17	3.70 10	4.00 8	5.40 5
1956	2.30 15	2.40 15	2.50 16	2.60 15	2.90 16	3.30 14	3.90 13	4.20 11	7.70 8
1957	3.00 21	3.00 20	3.10 20	3.20 20	3.30 19	4.80 21	7.20 22	10.00 22	12.00 18
1958	3.00 22	3.10 21	3.10 21	3.40 22	3.40 20	3.60 16	4.50 16	6.50 15	11.00 14
1959	3.30 24	3.30 24	3.40 24	3.50 23	3.70 23	4.40 19	5.50 17	6.40 14	12.00 15
1960	2.20 14	2.20 13	2.30 13	2.40 12	2.40 9	2.50 5	3.70 11	4.00 9	4.10 4
1961	2.00 10	2.00 7	2.00 10	2.10 9	2.10 6	2.60 7	2.70 4	3.10 4	3.80 1
1962	1.80 6	1.80 5	1.80 6	2.00 6	2.40 10	2.60 8	2.70 5	3.20 5	4.00 2
1963	2.00 11	2.00 8	2.00 7	2.00 7	2.30 7	2.60 9	4.10 14	31.00 25	48.00 24
1964	3.00 23	3.10 22	3.20 22	3.20 21	3.40 21	4.10 18	5.50 18	7.50 18	20.00 22
1965	2.00 12	2.00 9	2.00 8	2.10 8	2.40 8	2.50 6	3.20 8	4.00 10	8.40 10
1966	2.50 16	2.70 19	2.80 19	3.00 19	3.20 17	5.30 22	11.00 25	12.00 24	13.00 19
1967	0.70 1	0.77 1	0.79 1	0.81 1	0.99 1	1.20 1	1.30 1	1.50 1	8.10 9
1968	1.90 9	2.00 10	2.00 9	2.40 13	2.60 11	5.80 23	6.40 21	7.30 17	9.40 12
1969	1.50 3	1.50 3	1.60 4	1.80 4	1.90 4	2.70 10	2.90 6	3.50 6	9.20 11
1970	2.50 17	2.50 16	2.50 14	2.60 14	2.70 13	3.00 11	5.60 19	6.70 16	29.00 23
1971	1.80 7	1.80 6	1.80 5	1.90 5	2.00 5	2.30 4	3.00 7	4.00 7	15.00 20
1972	1.70 5	2.10 11	2.50 15	2.80 17	3.40 22	4.80 20	6.30 20	8.70 19	12.00 16

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1948	552.0 16	519.0 16	406.0 18	370.0 17	347.0 15	283.0 13	230.0 13	178.0 13	127.0 14
1949	646.0 14	574.0 14	467.0 14	374.0 16	354.0 14	275.0 15	193.0 18	147.0 20	100.0 21
1950	688.0 13	676.0 12	664.0 10	639.0 9	511.0 8	385.0 8	309.0 9	247.0 9	171.0 12
1951	3130.0 4	2450.0 2	1330.0 2	704.0 8	598.0 6	341.0 10	257.0 11	207.0 12	204.0 8
1952	948.0 10	911.0 9	904.0 8	896.0 1	797.0 2	658.0 1	553.0 1	454.0 1	308.0 1
1953	795.0 11	723.0 11	611.0 12	508.0 12	432.0 9	366.0 9	325.0 7	267.0 7	190.0 10
1954	567.0 15	527.0 15	454.0 17	412.0 15	390.0 13	279.0 14	218.0 15	169.0 16	116.0 15
1955	467.0 19	446.0 19	401.0 19	351.0 19	333.0 17	237.0 20	174.0 22	134.0 23	91.0 23
1956	3880.0 3	2080.0 4	1080.0 4	792.0 5	640.0 5	481.0 5	392.0 5	316.0 5	259.0 4
1957	970.0 9	776.0 10	565.0 13	490.0 13	432.0 10	330.0 11	260.0 10	210.0 11	147.0 13
1958	991.0 8	940.0 8	917.0 6	840.0 4	717.0 4	566.0 4	436.0 4	339.0 4	239.0 5
1959	258.0 24	237.0 25	204.0 25	170.0 25	166.0 25	153.0 24	128.0 24	106.0 24	80.0 24
1960	344.0 23	340.0 23	311.0 23	271.0 23	222.0 23	204.0 22	182.0 20	148.0 19	103.0 19
1961	243.0 25	237.0 24	224.0 24	188.0 24	172.0 24	128.0 25	103.0 25	81.0 25	56.0 25
1962	508.0 17	479.0 17	461.0 15	359.0 18	316.0 19	272.0 16	221.0 14	170.0 15	116.0 16
1963	4160.0 1	2440.0 3	1320.0 3	722.0 7	413.0 12	317.0 12	239.0 12	234.0 10	201.0 9
1964	488.0 18	475.0 18	455.0 16	412.0 14	321.0 18	258.0 17	195.0 17	152.0 18	107.0 18
1965	4000.0 2	2600.0 1	1420.0 1	739.0 6	430.0 11	387.0 7	312.0 8	252.0 8	236.0 6
1966	445.0 20	394.0 20	362.0 20	329.0 20	296.0 20	245.0 19	178.0 21	138.0 22	96.0 22
1967	1050.0 6	1000.0 6	958.0 5	873.0 3	767.0 3	658.0 2	483.0 3	376.0 3	270.0 3
1968	357.0 21	344.0 21	331.0 21	276.0 22	226.0 22	194.0 23	155.0 23	146.0 21	101.0 20
1969	1030.0 7	991.0 7	913.0 7	883.0 2	831.0 1	628.0 3	485.0 2	386.0 2	275.0 2
1970	2080.0 5	1380.0 5	813.0 9	531.0 11	339.0 16	248.0 18	203.0 16	172.0 14	186.0 11
1971	700.0 12	652.0 13	641.0 11	621.0 10	520.0 7	474.0 6	373.0 6	309.0 6	219.0 7
1972	350.0 22	340.0 22	313.0 22	290.0 21	270.0 21	218.0 21	192.0 19	163.0 17	113.0 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
12.2	30.5	56.3	45.0	49.2	51.2	157	346	248	52.9	6.69	3.91
620	4902	9583	3741	4412	797	3072	23400	39500	6499	79.2	5.33
24.9	70.0	97.9	61.2	66.4	28.2	55.4	153	199	80.6	8.90	2.31
4.83	4.68	2.32	3.13	4.11	0.46	-0.43	1.14	0.88	1.97	2.92	2.79
2.05	2.30	1.74	1.36	1.35	0.55	0.35	0.44	0.80	1.52	1.33	0.59
1.15	2.88	5.31	4.25	4.64	4.83	14.8	32.7	23.4	5.00	0.63	0.37

10342000 LITTLE TRUCKEE RIVER NEAR HOBART MILLS, CA--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
89.9	1607	40.1	0.32	0.45	-0.144

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.85	1.17	1.33	1.40	1.52	1.63	2.16	2.50	2.23	1.19	0.63	0.54
0.13	0.17	0.31	0.21	0.12	0.08	0.04	0.03	0.18	0.53	0.13	0.04
0.36	0.41	0.55	0.46	0.35	0.29	0.19	0.18	0.42	0.73	0.36	0.21
1.62	1.72	1.04	0.38	0.91	-0.62	-1.14	0.13	-0.41	0.40	1.18	0.28
0.42	0.35	0.41	0.33	0.23	0.18	0.09	0.07	0.19	0.61	0.57	0.39
4.96	6.82	7.77	8.16	8.86	9.50	12.6	14.6	13.0	6.92	3.70	3.15

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.91	0.04	0.21	-0.17	0.11	-0.055

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1947	569.0	1954	695.0	1961	284.0	1967	1240.0
1948	699.0	1955	605.0	1962	592.0	1968	420.0
1949	706.0	1956	5690.0	1963	7910.0	1969	1240.0
1950	792.0	1957	1570.0	1964	1030.0	1970	2890.0
1951	7010.0	1958	1100.0	1965	7760.0	1971	1200.0
1952	1050.0	1959	289.0	1966	480.0	1972	421.0
1953	895.0	1960	390.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.0199	3.0199
STANDARD DEVIATION	0.4260	0.4260
SKEW COEFFICIENTS		
STATION	0.9674	0.9674
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1116 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	26	26
PERIOD (YEARS)	26	26

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	199.2	92.7	72.6	40.9	159.2
0.9900	215.5	115.9	95.5	54.3	192.1
0.9500	284.4	215.3	196.9	118.4	326.5
0.9000	344.2	301.5	281.6	179.6	438.9
0.8000	453.6	456.3	440.5	296.3	638.9
0.5000	895.8	1027.9	1027.9	741.7	1421.7
0.2000	2208.8	2376.0	2468.3	1698.2	3651.0
0.1000	3696.2	3720.3	4014.8	2549.0	6277.6
0.0400	7702.8	6048.8	6855.8	3895.8	11479.0
0.0200	12491.7	8316.4	10005.4	5114.8	17140.5
0.0100	19876.5	11106.6	14009.7	6533.4	24739.0

10343000 INDEPENDENCE CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°27'20", long 120°17'15", in NW¼SW¼ sec.35, T.19 N., R.15 E., Sierra County, Hydrologic Unit 16050102, in Tahoe National Forest, on left bank 0.3 mi (0.5 km) downstream from Independence Lake outlet, 6.5 mi (10.5 km) northwest of Hobart Mills, and 10 mi (16 km) north-northwest of Truckee.

DRAINAGE AREA.--7.63 mi^2 (19.76 km^2).

REMARKS.--Flow regulated by Independence Lake, usable capacity, 17,500 acre-ft (21.6 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1969																11	14	2	3	6	2	85	98	5	9	16	13	48	22	12	9	10			
1970																	8	25	71	27	27	5	4	15	11	61	56	2	30	19	4				
1971																																			
1972																3	8	12	12	4	20	66	106	12	8	2	13	36	10	19	29	5			
1973			5																	14	78	61	44	46	55	14	28	12	4	1	9				
1974			14																	59	95	18	7	6	49	43	16	15	9	2	17	24			
1975										3	1	45	8	25	18	20	16	13	18	7	13	22	10	16	9	14	6	24	16	21	24	1	1		
1976																				91	19	110	8	44	19	2	16	21	10	9	5	11			
															18	30	11	17	5	1	61	138	62				3	6	14					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	0.7	8	2854	97.7	24	20	160	974	33.3
1	0.01	0	2922	100.0	13	0.9	25	2846	97.4	25	26	152	814	27.8
2	0.02	19	2922	100.0	14	1.2	36	2821	96.5	26	34	151	662	22.6
3	0.03	0	2903	99.3	15	1.6	64	2785	95.3	27	45	164	511	17.4
4	0.04	0	2903	99.3	16	2.2	57	2721	93.1	28	59	115	347	11.8
5	0.06	0	2903	99.3	17	2.9	69	2664	91.2	29	78	83	232	7.9
6	0.07	0	2903	99.3	18	3.8	109	2595	88.8	30	100	97	149	5.0
7	0.10	0	2903	99.3	19	5.0	209	2486	85.1	31	140	51	52	1.7
8	0.20	0	2903	99.3	20	6.5	315	2277	77.9	32	180	1	1	
9	0.30	3	2903	99.3	21	8.6	505	1962	67.1	33				
10	0.40	1	2900	99.2	22	11.0	339	1457	49.9	34				
11	0.50	45	2899	99.2	23	15.0	144	1118	38.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1970	1.80	3	1.80	2	1.90	2	2.00	2	2.40	2	4.60	3	6.40	4	11.00	7	17.00	6
1971	2.10	4	2.10	4	2.20	3	2.40	3	3.20	3	3.60	2	4.60	2	8.20	4	17.00	7
1972	5.40	6	5.60	6	6.20	7	6.30	7	6.80	7	7.30	6	7.70	6	8.30	5	16.00	5
1973	5.10	5	5.40	5	5.40	5	5.50	5	5.70	5	6.00	4	6.30	3	6.80	2	12.00	3
1974	0.02	1	0.02	1	0.02	1	0.02	1	0.86	1	1.40	1	1.70	1	2.00	1	3.60	1
1975	1.80	2	1.90	3	2.30	4	2.70	4	3.30	4	6.00	5	7.00	5	7.50	3	12.00	2
1976	5.70	7	5.80	7	6.00	6	6.10	6	6.20	6	8.00	7	9.90	7	10.00	6	16.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1969	151.0	5	150.0	5	146.0	4	142.0	3	119.0	2	92.0	1	77.0	1	64.0	1	46.0	3
1970	102.0	7	101.0	7	99.0	7	93.0	7	77.0	6	49.0	6	44.0	6	41.0	6	35.0	6
1971	165.0	4	164.0	2	151.0	3	137.0	4	111.0	3	85.0	3	65.0	3	53.0	4	42.0	4
1972	121.0	6	117.0	6	115.0	6	94.0	6	59.0	7	40.0	7	32.0	7	28.0	7	23.0	7
1973	179.0	2	177.0	1	176.0	1	175.0	1	143.0	1	81.0	4	62.0	4	59.0	2	54.0	1
1974	194.0	1	152.0	4	123.0	5	106.0	5	100.0	5	88.0	2	71.0	2	56.0	3	46.0	2
1975	167.0	3	163.0	3	155.0	2	148.0	2	107.0	4	69.0	5	52.0	5	49.0	5	35.0	5
1976	63.0	8	63.0	8	63.0	8	61.0	8	47.0	8	29.0	8	22.0	8	19.0	8	16.0	8

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
26.5	26.3	8.52	7.56	9.01	14.7	15.7	46.8	66.4	27.3	11.1	39.4
311	900	6.76	8.60	25.5	342	195	1194	1423	168	52.7	1571
17.6	30.0	2.60	2.93	5.05	18.5	14.0	34.6	37.7	13.0	7.26	39.6
-0.39	1.33	-1.71	-1.23	0.64	2.70	1.30	0.32	-0.28	-0.18	1.19	1.78
0.67	1.14	0.31	0.39	0.56	1.26	0.89	0.74	0.57	0.47	0.65	1.00
8.85	8.78	2.85	2.53	3.01	4.91	5.25	15.6	22.2	9.12	3.71	13.2

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
24.9	50.7	7.12	-1.00	0.29	-0.165

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.26	1.17	0.90	0.83	0.86	1.00	1.06	1.53	1.72	1.37	0.95	1.33
0.22	0.27	0.03	0.06	0.13	0.13	0.13	0.17	0.15	0.09	0.10	0.36
0.47	0.52	0.18	0.25	0.37	0.36	0.36	0.41	0.38	0.30	0.32	0.60
-0.93	0.09	-2.11	-1.93	-1.91	1.45	0.41	-0.47	-1.56	-1.80	-0.73	-0.91
0.37	0.44	0.20	0.30	0.43	0.36	0.34	0.27	0.22	0.22	0.33	0.45
9.04	8.34	6.46	5.94	6.16	7.13	7.58	10.9	12.3	9.79	6.83	9.55

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.38	0.02	0.15	-1.68	0.11	-0.052

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1903	154.0	1907	137.0	1969	163.0	1973	184.0
1904	203.0	1908	35.0	1970	104.0	1974	243.0
1905	232.0	1909	140.0	1971	174.0	1975	175.0
1906	144.0	1910	71.0	1972	128.0	1976	64.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1234	2.1234
STANDARD DEVIATION	0.2229	0.2229
SKEW COEFFICIENTS		
STATION	-1.3902	-1.3902
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	18.7	37.2	29.8	20.4	52.7
0.9900	24.9	41.8	34.9	24.0	58.0
0.9500	49.2	58.0	53.4	37.6	75.9
0.9000	66.9	69.2	65.3	47.7	88.3
0.8000	92.4	86.1	83.5	63.3	107.3
0.5000	149.0	131.7	131.7	105.5	164.2
0.2000	203.7	204.1	210.8	163.7	276.9
0.1000	227.0	257.8	275.0	201.7	375.8
0.0400	246.2	332.0	368.0	249.9	528.7
0.0200	255.6	391.7	453.7	286.5	663.5
0.0100	262.1	455.2	564.3	323.7	816.9

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA

LOCATION.--Lat 39°25'54", long 120°14'07", in NE¼NE¼ sec.7, T.18 N., R.16 E., Nevada County, Hydrologic Unit 16050102, on left bank 2.2 mi (3.5 km) upstream from bridge on State Highway 89, and 7.5 mi (12.1 km) north of Truckee.

DRAINAGE AREA.--10.8 mi^2 (28.0 km^2).

REMARKS.--No storage or diversion above station.

DISCHARGE, IN CUBIC FEET PER SECOND

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

NUMBER OF DAYS IN CLASS

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1954					45	32	12	95	50	17	11	16	7	12	6	7	7	7	3	11	10	6	9	2											
1955					44	66	37	105	14	5	8	8	6	8	9	15	8	5	7	5	8	5	2												
1956					15	54	41	15	6	16	23	12	16	16	11	12	9	12	9	15	12	8	12	14	16	8	9	3		1					1
1957					37	29	32	76	20	21	15	19	10	8	6	15	4	7	10	16	23	14	1		1		1								
1958					3	14	48	89	22	32	16	12	10	12	9	9	4	5	6	3	10	15	11	5	3	5	9	11	2						
1959			11	45	27	10	49	69	19	17	11	16	16	15	7	16	5	14	12	6															
1960		35	18	24	34	75	11	32	26	4	2	6	7	8	6	15	11	13	13	7	13	3	3												
1961		1	53	37	42	56	14	49	15	13	12	9	14	14	22	11	3																		
1962			1	51	80	84	16	12	13	9	6	7	4	2	7	7	7	13	10	6	3	8	16	3											
1963				4	7	2	39	39	38	25	15	9	9	14	21	24	7	19	11	13	12	10	10	15	10	6	3	1						1	1
1964					7	47	21	32	14	85	35	18	16	12	5	12	5	8	8	14	15	12													
1965						21	16	24	50	13	11	10	43	16	25	37	14	7	5	3	7	6	21	12	11	5	3	2			1	1	1		
1966					1	47	26	28	65	77	19	12	15	7	7	11	4	3	20	13	9	1													
1967							12	31	32	33	36	64	28	14	12	11	9	8	6	6	6	2	4	4	5	9	20	4	2	7					
1968						40	26	16	49	62	36	14	10	12	11	20	15	12	20	11	12														
1969						5	10	34	83	62	21	14	9	6	5	9	9	10	8	9	3	8	9	8	8	5	10	7	9	4					
1970								43	73	27	16	11	6	17	17	19	23	24	20	13	18	9	20	3	2	1	1		1	1					
1971								25	42	28	71	44	17	9	5	7	11	10	13	12	5	6	14	21	7	10	5	3							
1972						12	37	19	23	103	37	8	7	7	5	8	16	26	26	20	10	2													
1973						1	23	46	48	25	79	30	9	6	8	9	7	4	7	13	9	5	8	9	10	9									
1974							12	18	37	17	19	46	23	22	20	18	16	10	19	12	6	13	18	16	13	5	5								
1975							6	25	124	72	34	8	10	7	9	8	7	2	4	3	5	3	4	4	11	4	15								
1976					50	36	17	33	100	33	26	14	13	10	9	12	10	2	1																

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	8401	100.0
1	1.00	36	8401	100.0
2	1.20	83	8365	99.6
3	1.40	161	8282	98.6
4	1.70	392	8121	96.7
5	2.00	631	7729	92.0
6	2.50	505	7098	84.5
7	2.90	955	6593	78.5
8	3.50	963	5638	67.1
9	4.20	796	4675	55.6
10	5.00	559	3879	46.2
11	6.00	407	3320	39.5
12	7.2	305	2913	34.7
13	8.6	254	2608	31.0
14	10.0	242	2354	28.0
15	12.0	312	2112	25.1
16	15.0	211	1800	21.4
17	18.0	221	1589	18.9
18	21.0	238	1368	16.3
19	25.0	211	1130	13.5
20	30.0	196	919	10.9
21	36.0	136	723	8.6
22	43.0	162	587	7.0
23	52.0	116	425	5.1
24	62	97	309	3.6
25	74	67	212	2.5
26	88	81	145	1.7
27	110	31	64	.7
28	130	14	33	.3
29	150	13	19	.2
30	180		6	
31	220	1	6	
32	260	1	5	
33	310	2	4	
34	370	2	2	

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1955	1.70 6	1.70 5	1.70 5	1.70 5	1.80 5	1.90 5	1.90 4	2.00 4	2.40 4
1956	1.70 7	1.70 6	1.70 6	1.70 6	1.80 6	1.90 6	1.90 5	2.00 5	2.50 5
1957	2.30 11	2.40 12	2.40 12	2.40 12	2.50 11	2.80 12	3.20 14	3.30 12	3.30 9
1958	1.80 8	1.90 8	1.90 8	1.90 7	1.90 7	2.00 7	2.10 7	2.30 6	2.80 6
1959	2.50 13	2.60 14	2.60 14	2.70 14	2.80 13	2.80 13	2.90 12	2.90 10	3.60 10
1960	1.30 3	1.30 3	1.30 3	1.30 3	1.40 3	1.50 3	1.60 3	1.70 3	1.80 2
1961	1.00 1	1.00 1	1.10 1	1.10 1	1.10 1	1.20 1	1.30 1	1.40 1	1.90 3
1962	1.10 2	1.20 2	1.20 2	1.20 2	1.20 2	1.20 2	1.30 2	1.50 2	1.70 1
1963	1.50 4	1.50 4	1.50 4	1.60 4	1.60 4	1.70 4	2.00 6	3.40 13	5.10 20
1964	2.50 14	2.50 13	2.50 13	2.60 13	2.80 14	3.00 14	3.20 15	3.70 15	4.70 18
1965	1.70 5	1.80 7	1.80 7	2.00 8	2.10 9	2.10 8	2.20 8	2.40 7	3.00 7
1966	3.30 20	3.30 20	3.30 18	3.40 20	3.60 20	3.70 20	4.10 19	4.40 20	4.40 15
1967	1.90 9	2.00 9	2.00 9	2.00 9	2.00 8	2.30 9	2.50 9	2.60 8	3.60 11
1968	3.80 22	3.80 22	3.90 22	3.90 22	3.90 22	4.20 22	4.40 22	4.50 21	5.00 19
1969	2.30 12	2.30 11	2.30 10	2.30 10	2.40 10	2.50 10	2.60 10	2.80 9	3.20 8
1970	3.30 21	3.40 21	3.40 19	3.40 21	3.50 18	3.60 18	4.10 20	4.10 19	6.00 22
1971	2.90 17	2.90 17	3.00 17	3.00 17	3.10 16	3.20 16	3.30 16	3.70 16	4.70 16
1972	3.30 18	3.30 18	3.40 20	3.40 18	3.60 21	3.90 21	4.10 21	4.60 22	4.70 17
1973	2.10 10	2.20 10	2.30 11	2.30 11	2.60 12	2.70 11	2.90 11	3.30 11	4.00 12
1974	2.60 15	2.70 15	2.70 15	2.80 15	2.90 15	3.00 15	3.10 13	3.50 14	5.40 21
1975	3.30 19	3.30 19	3.40 21	3.40 19	3.50 19	3.60 19	3.80 18	3.90 18	4.00 13
1976	2.80 16	2.80 16	2.80 16	2.80 16	3.30 17	3.50 17	3.60 17	3.80 17	4.00 14

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1954	59.0 13	49.0 14	48.0 14	45.0 13	38.0 13	28.0 14	22.0 15	18.0 16	13.0 17
1955	44.0 15	42.0 16	41.0 15	35.0 16	30.0 17	21.0 20	17.0 20	14.0 20	10.0 20
1956	398.0 1	223.0 3	118.0 6	89.0 8	79.0 5	68.0 4	56.0 4	46.0 3	36.0 3
1957	97.0 11	69.0 12	50.0 12	42.0 14	37.0 14	33.0 12	27.0 12	23.0 12	17.0 12
1958	149.0 7	141.0 6	132.0 5	118.0 3	103.0 3	73.0 3	57.0 3	45.0 4	32.0 5
1959	28.0 21	27.0 21	25.0 21	23.0 21	22.0 21	17.0 21	14.0 21	12.0 21	9.4 21
1960	44.0 16	43.0 15	40.0 16	36.0 15	31.0 15	25.0 17	20.0 18	17.0 17	12.0 18
1961	16.0 23	15.0 23	13.0 23	11.0 23	11.0 23	10.0 23	8.7 23	7.4 23	5.8 23
1962	55.0 14	52.0 13	49.0 13	47.0 12	43.0 12	33.0 13	25.0 13	20.0 14	14.0 14
1963	370.0 2	275.0 2	166.0 1	100.0 4	62.0 10	47.0 10	38.0 9	39.0 7	32.0 6
1964	40.0 17	38.0 17	36.0 17	32.0 17	31.0 16	27.0 15	22.0 16	17.0 18	13.0 15
1965	348.0 3	288.0 1	164.0 2	90.0 7	68.0 8	56.0 8	43.0 7	35.0 8	33.0 4
1966	36.0 19	34.0 18	32.0 18	30.0 18	28.0 19	23.0 18	18.0 19	15.0 19	11.0 19
1967	170.0 4	163.0 4	158.0 3	132.0 2	117.0 2	91.0 2	67.0 2	52.0 2	37.0 2
1968	35.0 20	34.0 19	32.0 19	28.0 20	26.0 20	23.0 19	20.0 17	18.0 15	13.0 16
1969	163.0 5	158.0 5	148.0 4	142.0 1	125.0 1	92.0 1	71.0 1	56.0 1	39.0 1
1970	153.0 6	133.0 7	90.0 10	60.0 11	44.0 11	35.0 11	30.0 11	26.0 11	26.0 9
1971	119.0 8	117.0 8	103.0 7	92.0 6	78.0 6	66.0 5	53.0 5	45.0 5	31.0 7
1972	37.0 18	33.0 20	32.0 20	30.0 19	29.0 18	25.0 16	23.0 14	21.0 13	15.0 13
1973	86.0 12	84.0 11	82.0 11	74.0 10	67.0 9	50.0 9	37.0 10	29.0 10	23.0 10
1974	101.0 10	99.0 10	94.0 9	83.0 9	69.0 7	58.0 6	47.0 6	40.0 6	31.0 8
1975	105.0 9	103.0 9	99.0 8	96.0 5	83.0 4	58.0 7	42.0 8	33.0 9	23.0 11
1976	24.0 22	18.0 22	16.0 22	16.0 22	14.0 22	11.0 22	9.1 22	7.8 22	6.3 22

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.59	4.60	7.98	7.99	8.01	9.01	24.0	46.2	25.5	6.91	3.13	2.65
4.18	5.17	101	57.8	95.2	18.1	95.0	918	537	39.6	2.30	0.84
2.04	2.27	10.0	7.60	9.76	4.25	9.75	30.3	23.2	6.29	1.52	0.92
3.19	1.59	2.96	2.23	4.23	0.69	-0.30	0.71	1.38	2.03	0.93	0.38
0.57	0.49	1.26	0.95	1.22	0.47	0.41	0.66	0.91	0.91	0.48	0.35
2.40	3.07	5.33	5.34	5.35	6.03	16.1	30.9	17.1	4.62	2.09	1.77

10343500 SAGEHEN CREEK NEAR TRUCKEE, CA--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
12.5	35.9	5.99	0.23	0.48	-0.228

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.51	0.62	0.74	0.77	0.79	0.91	1.33	1.56	1.23	0.70	0.45	0.40
0.03	0.04	0.11	0.11	0.07	0.05	0.05	0.10	0.17	0.12	0.04	0.03
0.18	0.19	0.33	0.33	0.26	0.22	0.23	0.32	0.42	0.35	0.21	0.16
1.05	0.43	1.43	0.70	2.06	-0.27	-1.18	-0.31	0.00	0.39	0.04	-0.38
0.36	0.31	0.45	0.43	0.34	0.24	0.17	0.21	0.34	0.50	0.46	0.40
5.12	6.20	7.38	7.69	7.87	9.06	13.3	15.6	12.3	7.00	4.48	3.97

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.04	0.05	0.23	-0.28	0.22	-0.073

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1954	72.0	1960	66.0	1966	46.0	1972	50.0
1955	59.0	1961	27.0	1967	269.0	1973	106.0
1956	495.0	1962	73.0	1968	49.0	1974	189.0
1957	212.0	1963	765.0	1969	243.0	1975	144.0
1958	212.0	1964	104.0	1970	303.0	1976	42.0
1959	38.0	1965	528.0	1971	165.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0845	2.0845
STANDARD DEVIATION	0.4054	0.4054
SKEW COEFFICIENTS		
STATION	0.2955	0.2955
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	23	23
PERIOD (YEARS)	23	23

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	14.2	12.0	9.2	5.1	20.6
0.9900	17.9	14.8	12.1	6.8	24.7
0.9500	28.4	26.9	24.4	14.5	40.9
0.9000	38.0	37.1	34.5	21.8	54.1
0.8000	54.8	55.1	53.1	35.4	77.4
0.5000	116.0	119.6	119.6	85.8	166.3
0.2000	262.1	265.2	276.3	189.0	412.0
0.1000	412.2	405.6	440.1	277.4	694.7
0.0400	681.8	642.6	734.1	413.3	1242.7
0.0200	954.5	868.2	1055.1	533.5	1826.3
0.0100	1301.9	1140.9	1453.9	670.8	2602.4

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR BOCA, CA

LOCATION.--Lat 39°26'10", long 120°05'00", in SW¼SW¼ sec.3, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank 1 mi (2 km) upstream from Boca Reservoir, 1.5 mi (2.4 km) upstream from Dry Creek, 3.0 mi (4.8 km) downstream from Stampede Dam on Little Truckee River, and 3.5 mi (5.6 km) north of Boca.

DRAINAGE AREA.--146 mi^2 (378 km^2).

REMARKS.--Flow regulated by Independence Lake, capacity, about 17,500 acre-ft (21.6 hm^3), one transmountain diversion to Sierra Valley.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1940													3	67	17	18	18	32	26	22	25	12	37	15	18	31	19	4	2						
1941														45	45	26	13	42	19	16	30	21	38	21	24	14	5	6							
1942														31	41	22	14	8	13	41	44	39	37	14	27	24	9		1						
1943												1		57	25	28	9	26	19	25	27	30	17	25	27	23	24	2							
1944												3	29	43	28	26	56	19	23	56	7	22	18	17	5	10	4								
1945												6	42	42	20	7	15	20	27	28	39	34	25	25	4	9	14	8							
1946												17	14	52	27	28	30	29	18	19	13	9	31	32	8	15	23								
1947											18	32	36	22	12	13	28	23	36	38	26	34	26	11	8	2									
1948											35	17	15	31	59	44	24	15	10	16	10	13	20	28	19	10									
1949										42	4	33	11	31	39	60	15	11	21	7	9	22	17	21	14	4	4								
1950												18	17	44	6	30	5	13	48	6	41	35	15	17	21	16	29	4							
1952																	7	89	49	44	34	25	9	13	18	20	5	39	12	2					
1954											4	9	47	24	4	9	44	63	47	25	14	24	13	21	15	2									
1956									2	3	2	6	11	39	37	10	19	11	3	37	27	17	12	15	36	33	27	13	4		1		1		
1958														21	20	18	36	17	24	44	73	14	8	11	7	18	18	27	9						
1959											4	24	9	13	32	10	16	20	45	48	70	31	28	15										
1960											23	44	16	105	11	3	10	5	7	23	30	23	17	34	10	4	1							
1961											13	32	27	44	41	31	23	33	25	23	39	11	19	4										
1962											3	47	64	86	35	14	7	4	9	5	3	3	19	24	12	20	10								
1963													6	20	37	24	9	15	23	22	37	23	26	31	34	27	16	9	2	1	1		1		1
1964															20	49	68	52	24	29	36	13	10	26	27	12									
1965															3	18	29	51	26	21	7	28	51	33	38	28	19	9		1	1		1		1
1966													11	19	9	25	74	53	39	49	11	10	13	24	27	1									
1967														18	18	24	37	43	17	11	36	24	33	15	15	12	12	36	10	4					
1968													5	19	23	44	49	35	18	42	19	31	24	35	19	3									
1969		6	20	11	13	9	1									5	21	32	55	43	24	12	15	7	5	11	23	29	23						

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	9498	100.0
1	0.20	6	9498	100.0
2	0.40	20	9492	99.9
3	0.60	11	9472	99.7
4	0.80	13	9461	99.6
5	1.00	9	9448	99.5
6	1.40	1	9439	99.4
7	1.90	0	9438	99.4
8	2.60	2	9438	99.4
9	3.60	45	9436	99.3
10	4.90	106	9391	98.9
11	6.60	289	9285	97.8
12	9.0	363	8996	94.7
13	12.0	873	8633	90.9
14	17.0	609	7760	81.7
15	23.0	586	7151	75.3
16	31.0	676	6565	69.1
17	43.0	761	5889	62.0
18	58.0	671	5128	54.0
19	79.0	740	4457	46.9
20	110.0	731	3717	39.1
21	150.0	560	2986	31.4
22	200.0	578	2426	25.5
23	270.0	534	1848	19.5
24	370	438	1314	13.8
25	510	349	876	9.2
26	690	262	527	5.5
27	940	186	265	2.7
28	1300	63	79	.8
29	1800	8	16	.1
30	2400	3	8	
31	3300		5	
32	4400	3	5	
33	6000		2	
34	8200	2	2	

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR BOCA, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1941	15.00 18	15.00 18	16.00 19	17.00 19	23.00 19	35.00 20	36.00 19	41.00 16	56.00 18
1942	12.00 15	13.00 14	13.00 14	14.00 15	15.00 15	16.00 14	24.00 15	42.00 17	72.00 22
1943	7.00 9	14.00 17	14.00 16	15.00 16	16.00 16	17.00 15	19.00 12	23.00 8	51.00 16
1944	13.00 16	13.00 15	13.00 15	13.00 14	14.00 13	15.00 12	19.00 13	28.00 12	39.00 10
1945	8.00 11	8.00 10	8.60 11	8.80 10	9.50 10	11.00 10	13.00 7	14.00 4	36.00 8
1946	8.00 12	8.00 11	8.10 10	9.40 11	9.90 11	10.00 7	13.00 8	19.00 7	35.00 7
1947	7.00 10	7.00 9	7.10 8	7.30 8	8.20 8	11.00 8	15.00 10	25.00 10	39.00 9
1948	5.00 4	5.30 4	5.70 4	5.90 3	6.30 3	7.30 3	8.30 2	10.00 2	25.00 2
1949	5.00 5	5.00 3	5.00 3	5.50 2	5.80 2	6.90 2	9.70 5	27.00 11	31.00 5
1950	4.00 2	4.00 2	4.00 1	4.00 1	4.00 1	4.90 1	6.10 1	8.50 1	40.00 11
1952	41.00 23	41.00 23	41.00 23	41.00 23	44.00 23	45.00 23	48.00 22	51.00 21	71.00 21
1956	3.00 1	3.30 1	4.30 2	6.70 6	9.50 9	15.00 13	18.00 11	18.00 5	27.00 3
1959	14.00 17	14.00 16	15.00 17	16.00 17	16.00 17	22.00 18	48.00 23	64.00 23	67.00 20
1960	5.70 6	6.30 7	6.60 7	6.70 7	7.40 6	11.00 9	13.00 9	18.00 6	31.00 4
1961	5.70 7	6.00 6	6.20 6	6.20 4	6.70 4	7.40 4	9.40 4	24.00 9	33.00 6
1962	5.00 3	5.50 5	5.90 5	6.70 5	7.10 5	8.10 5	9.30 3	11.00 3	11.00 1
1963	6.40 8	6.50 8	7.20 9	7.50 9	7.80 7	8.70 6	12.00 6	46.00 19	115.00 23
1964	16.00 19	16.00 19	16.00 18	16.00 18	18.00 18	20.00 17	25.00 16	48.00 20	58.00 19
1965	18.00 20	19.00 20	20.00 20	21.00 20	24.00 20	27.00 19	31.00 18	37.00 14	40.00 12
1966	25.00 21	26.00 21	28.00 22	28.00 21	34.00 22	38.00 22	39.00 21	45.00 18	55.00 17
1967	9.00 13	9.00 12	9.70 12	11.00 12	12.00 12	14.00 11	21.00 14	34.00 13	42.00 13
1968	25.00 22	26.00 22	26.00 21	29.00 22	31.00 21	36.00 21	37.00 20	54.00 22	50.00 15
1969	11.00 14	11.00 13	12.00 13	13.00 13	15.00 14	19.00 16	26.00 17	39.00 15	43.00 14

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1940	1440.0 8	1210.0 8	985.0 8	748.0 13	733.0 10	694.0 7	579.0 7	476.0 8	352.0 9
1941	1140.0 10	1130.0 9	897.0 12	819.0 10	718.0 12	546.0 13	450.0 12	389.0 11	290.0 12
1942	1380.0 9	1060.0 10	918.0 11	700.0 15	668.0 14	554.0 12	448.0 13	379.0 13	291.0 11
1943	960.0 13	825.0 15	774.0 15	769.0 12	730.0 11	620.0 10	547.0 9	461.0 10	358.0 8
1944	788.0 16	788.0 16	716.0 16	627.0 16	494.0 16	364.0 18	294.0 19	235.0 20	172.0 19
1945	1000.0 12	985.0 12	959.0 9	895.0 8	768.0 8	533.0 14	414.0 14	350.0 14	270.0 14
1946	935.0 14	879.0 13	804.0 13	798.0 11	739.0 9	565.0 11	462.0 11	384.0 12	288.0 13
1947	528.0 23	474.0 24	439.0 24	336.0 24	300.0 24	245.0 24	215.0 24	193.0 24	149.0 24
1948	599.0 21	571.0 18	530.0 19	478.0 19	464.0 17	378.0 17	323.0 17	255.0 18	179.0 18
1949	788.0 17	748.0 17	682.0 17	526.0 17	456.0 18	363.0 19	282.0 21	222.0 22	155.0 22
1950	1040.0 11	1020.0 11	935.0 10	825.0 9	689.0 13	667.0 8	575.0 8	472.0 9	344.0 10
1952	2200.0 4	1970.0 5	1670.0 6	1540.0 4	1370.0 2	1210.0 2	978.0 2	806.0 2	569.0 3
1954	528.0 24	509.0 22	490.0 20	445.0 20	390.0 20	308.0 22	251.0 23	203.0 23	149.0 23
1956	5900.0 3	3340.0 3	1840.0 4	1080.0 7	897.0 6	810.0 5	705.0 5	607.0 5	507.0 5
1958	1490.0 7	1380.0 7	1350.0 7	1250.0 6	1230.0 4	1020.0 4	830.0 4	654.0 4	467.0 6
1959	330.0 25	312.0 25	290.0 25	277.0 25	259.0 25	224.0 25	199.0 25	172.0 25	133.0 25
1960	710.0 18	534.0 21	489.0 21	414.0 22	387.0 21	318.0 21	278.0 22	238.0 19	170.0 20
1961	286.0 26	281.0 26	263.0 26	235.0 26	216.0 26	172.0 26	145.0 26	120.0 26	90.0 26
1962	920.0 15	858.0 14	774.0 14	704.0 14	613.0 15	484.0 15	409.0 15	318.0 15	217.0 15
1963	8810.0 1	5100.0 2	2780.0 2	1590.0 2	945.0 5	640.0 9	541.0 10	556.0 6	457.0 7
1964	655.0 19	557.0 19	534.0 18	517.0 18	438.0 19	404.0 16	336.0 16	269.0 17	190.0 17
1965	8240.0 2	5270.0 1	2900.0 1	1540.0 3	881.0 7	703.0 6	598.0 6	522.0 7	523.0 4
1966	552.0 22	489.0 23	444.0 23	413.0 23	385.0 22	356.0 20	288.0 20	230.0 21	170.0 21
1967	2130.0 5	2030.0 4	1880.0 3	1680.0 1	1330.0 3	1170.0 3	900.0 3	772.0 3	570.0 2
1968	606.0 20	557.0 20	489.0 22	422.0 21	338.0 23	306.0 23	303.0 18	274.0 16	199.0 16
1969	1780.0 6	1760.0 6	1670.0 5	1520.0 5	1390.0 1	1220.0 1	1030.0 1	824.0 1	585.0 1

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR BOCA, CA--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
76.0	83.5	123	87.3	131	170	399	543	310	78.1	29.8	25.8
5162	12390	33580	5557	24470	9423	38810	90410	58000	8976	1316	396
71.9	111	183	74.5	156	97.1	197	301	241	94.7	36.3	19.9
3.20	4.48	2.61	1.42	3.91	0.68	0.63	1.20	1.32	2.39	2.93	1.16
0.94	1.33	1.49	0.85	1.20	0.57	0.49	0.55	0.78	1.21	1.22	0.77
3.70	4.06	5.99	4.24	6.37	8.25	19.4	26.4	15.1	3.80	1.45	1.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
170	6759	82.2	0.67	0.48	-0.216

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.74	1.75	1.81	1.79	1.96	2.15	2.55	2.67	2.36	1.64	1.28	1.30
0.13	0.13	0.21	0.14	0.13	0.08	0.05	0.05	0.13	0.24	0.16	0.10
0.36	0.36	0.46	0.38	0.35	0.28	0.23	0.23	0.36	0.49	0.39	0.32
-0.06	0.34	0.68	-0.25	0.43	-0.38	-0.33	0.03	-0.26	0.13	0.71	0.40
0.20	0.21	0.25	0.21	0.18	0.13	0.09	0.09	0.15	0.30	0.31	0.24
7.58	7.62	7.89	7.80	8.52	9.36	11.1	11.6	10.3	7.12	5.55	5.63

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.18	0.04	0.21	0.11	0.10	-0.079

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1904	1809.0	1943	960.0	1952	2200.0	1961	325.0
1905	760.0	1944	788.0	1953	698.0	1962	1290.0
1906	1350.0	1945	1000.0	1954	528.0	1963	13300.0
1907	1560.0	1946	935.0	1955	575.0	1964	1100.0
1908	573.0	1947	522.0	1956	9500.0	1965	10500.0
1909	1920.0	1948	599.0	1957	1120.0	1966	606.0
1910	1240.0	1949	788.0	1958	1650.0	1967	2800.0
1940	1440.0	1950	1040.0	1959	390.0	1968	727.0
1941	1140.0	1951	5000.0	1960	1430.0	1969	2030.0
1942	1380.0						

10344400 LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR, NEAR BOCA, CA--CONTINUED

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1021	3.1021
STANDARD DEVIATION	0.3719	0.3719
SKEW COEFFICIENTS		
STATION	1.2222	1.2222
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.2796 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	37	37
PERIOD (YEARS)	37	37

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	355.1	174.5	152.4	101.6	256.8
0.9900	370.4	206.1	185.3	124.3	296.6
0.9500	439.4	332.2	316.1	220.4	451.0
0.9000	501.2	434.5	418.2	302.8	573.6
0.8000	614.8	609.7	597.6	446.7	782.5
0.5000	1067.1	1215.5	1215.5	958.3	1536.8
0.2000	2362.5	2563.9	2667.4	2000.7	3471.9
0.1000	3984.9	3675.6	4075.5	2921.1	5611.7
0.0400	7586.9	6129.0	6675.2	4387.5	9684.6
0.0200	12078.5	8322.6	9478.1	5729.7	14004.9
0.0100	18980.3	11032.5	13059.5	7311.3	19715.3

10344500 LITTLE TRUCKEE RIVER AT BOCA, CA

LOCATION.--Lat 39°23'10", long 120°05'40", in NE¼NW¼ sec.28, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on right bank 800 ft (250 m) upstream from mouth, 1,000 ft (300 m) downstream from Boca Dam, and 0.3 mi (0.5 km) northwest of Boca.

DRAINAGE AREA.--172 mi² (445 km²).

REMARKS.--Flow partially regulated at ice-pond dam. Small diversion above station for power development.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1912	6	1			1	23	10	8	48	50	48	33	20	8	4	13	23	3	7	3	7	8	7	7	9	7	11	1							
1913	11				1	23	18	11	27	39	43	36	17	21	3	15	13	2		3	11	5	10	17	16	10	11	2								
1914						26	14	5	12	25	35	11	13	5	9	5	6	3	14	15	17	13	5	8	13	15	10	11	14	13	25	14	4	4	1
1915						19	19	27	35	41	35	32	26	3	4	5	5	4	5	2	8	8	8	4	16	13	13	14	13	3	1	1	1		

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	17	1461	100.0	12	43.0	76	688	47.1	24	370	54	266	18.2
1	6.00	1	1444	98.8	13	52.0	37	612	41.9	25	450	45	212	14.5
2	7.20	0	1443	98.8	14	62.0	20	575	39.4	26	540	45	167	11.4
3	8.60	0	1443	98.8	15	74.0	38	555	38.0	27	640	28	122	8.3
4	10.00	2	1443	98.8	16	89.0	47	517	35.4	28	770	27	94	6.4
5	12.00	91	1441	98.6	17	110.0	12	470	32.2	29	920	16	67	4.5
6	15.00	61	1350	92.4	18	130.0	26	458	31.3	30	1100	26	51	3.4
7	18.00	51	1289	88.2	19	150.0	23	432	29.6	31	1300	15	25	1.7
8	21.00	122	1238	84.7	20	180.0	43	409	28.0	32	1600	5	10	.6
9	25.00	155	1116	76.4	21	220.0	34	366	25.1	33	1900	4	5	.3
10	30.00	161	961	65.8	22	260.0	30	332	22.7	34	2300	1	1	
11	36.00	112	800	54.8	23	310.0	36	302	20.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1912	0.00	1	0.00	1	0.00	1	7.10	1	17.00	3	24.00	4	25.00	3	25.00	2	27.00	1
1913	0.00	2	0.00	2	0.00	2	11.00	2	16.00	2	22.00	2	25.00	4	28.00	3	30.00	2
1914	0.00	3	0.00	3	11.00	3	13.00	3	14.00	1	14.00	1	18.00	1	22.00	1	30.00	3
1915	16.00	4	16.00	4	17.00	4	18.00	4	21.00	4	23.00	3	25.00	2	28.00	4	30.00	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1912	659.0	4	643.0	3	597.0	3	514.0	4	478.0	4	372.0	4	283.0	4	231.0	4	163.0	4
1913	688.0	3	640.0	4	578.0	4	545.0	3	488.0	3	427.0	3	355.0	3	281.0	3	200.0	3
1914	2360.0	1	2040.0	1	1860.0	1	1740.0	1	1420.0	1	1320.0	1	1120.0	1	976.0	1	716.0	1
1915	1600.0	2	1400.0	2	1080.0	2	809.0	2	729.0	2	681.0	2	583.0	2	479.0	2	330.0	2

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
22.8	38.1	29.2	83.4	75.8	196	721	790	582	169	36.5	26.3
70.0	188	50.2	12660	4010	43860	273200	174100	153100	25570	399	70.1
8.37	13.7	7.09	113	63.3	209	523	417	391	160	20.0	8.37
0.92	1.86	1.44	2.12	1.14	1.89	0.15	0.41	1.28	1.57	0.97	-0.58
0.37	0.36	0.24	1.35	0.84	1.07	0.72	0.53	0.67	0.94	0.55	0.32
0.82	1.37	1.05	3.01	2.73	7.09	26.0	28.5	21.0	6.10	1.32	0.95

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
193	17890	134	1.61	0.69	-0.237

10344500 LITTLE TRUCKEE RIVER AT BOCA, CA--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.34	1.56	1.46	1.69	1.76	2.13	2.72	2.85	2.69	2.08	1.51	1.40
0.02	0.02	0.01	0.22	0.13	0.16	0.20	0.06	0.08	0.15	0.05	0.02
0.16	0.14	0.10	0.47	0.35	0.40	0.45	0.24	0.29	0.39	0.23	0.16
0.20	1.72	1.21	1.51	0.67	1.00	-1.03	0.15	0.23	0.64	0.57	-1.04
0.12	0.09	0.07	0.28	0.20	0.19	0.16	0.08	0.11	0.19	0.15	0.11
5.77	6.74	6.29	7.24	7.60	9.18	11.7	12.3	11.6	8.99	6.53	6.04

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.07	0.27	1.07	0.12	-0.034

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1890	2870.0	1912	659.0	1914	2360.0	1915	1600.0
1911	2260.0	1913	688.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1742	3.1742
STANDARD DEVIATION	0.2803	0.2803
SKEW COEFFICIENTS		
STATION	-0.6340	-0.6340
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	6	6

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	193.9	301.0	0.0	47.6	580.0
0.9900	248.6	349.1	159.1	64.2	645.6
0.9500	466.1	526.4	377.1	145.3	879.7
0.9000	633.1	657.9	539.3	223.8	1052.7
0.8000	893.4	865.2	776.2	372.7	1339.4
0.5000	1598.4	1477.7	1477.7	886.1	2444.8
0.2000	2597.2	2562.5	2879.2	1655.9	5918.5
0.1000	3229.1	3438.0	4280.7	2143.7	10233.5
0.0400	3970.3	4725.4	7286.7	2758.7	19020.1
0.0200	4477.0	5818.2	11247.8	3225.1	28779.7
0.0100	4945.1	7027.6	18367.2	3702.3	42077.1

10346000 TRUCKEE RIVER AT FARAD, CA

LOCATION.--Lat 39°25'41", long 120°01'59", in NE¼ sec.12, T.18 N., R.17 E., Nevada County, Hydrologic Unit 16050102, on left bank 0.5 mi (0.8 km) upstream from Mystic Canyon, 0.7 mi (1.1 km) downstream from Farad powerplant, 2.5 mi (4.0 km) north of Floriston, 3.4 mi (5.5 km) downstream from Bronco Creek, and 3.5 mi (5.6 km) upstream from California-Nevada State line.

DRAINAGE AREA.--932 mi^2 (2,414 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Martis Creek Lake, Prosser Creek, Stampede and Boca Reservoirs, Donner and Independence Lakes, and by several powerplants.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR														NUMBER OF DAYS IN CLASS																					
1910															5	19	36	69	34	14	42	85	19	24	13	3	1	1							
1911															65	50	12	42	31	22	10	8	10	4	18	24	23	27	15	4					
1912														21	101	101	57	27	18	7	6	6	8	9	5									
1913														16	120	99	46	14	14	9	16	19	11	1										
1914														21	63	29	91	16	14	2	9	9	23	15	16	17	34	6						
1915															40	77	120	25	13	8	13	23	13	14	12	4		2	1					
1916														1	78	50	55	31	13	12	8	20	12	22	26	12	22	3	1					
1917															34	69	94	41	18	3	20	7	19	17	14	13	15	1						
1918														3	70	106	46	57	15	10	22	12	13	11										
1919														1	70	110	92	15	9	4	6	5	14	12	10	7	5	2	3					
1920												5	11	7	131	115	25	11	21	5	5	18	8	4										
1921										2	19	18	8	22	46	106	19	5	11	26	26	25	23	8	1									
1922											2	9	19	41	61	115	37	3	3	4	2	9	3	11	8	11	16	7	4					
1923															101	93	62	7	23	13	12	19	17	6	10	2								
1924								1	4	17	18	30	39	10	152	76	15	3	1															
1925		2	14	7	4	17	16	8	12	24	8	30	23	16	21	47	25	25	10	8	15	20	5	5		1	2							
1926					13	7	6	4	53	50	46	36	24	34	18	13	21	8	4	12	14	2													
1927			22	10	12	4	1	2	10	9	20	18	15	3	62	31	11	18	11	12	25	12	16	15	17	8	1								
1928													8	117	116	44	11	2	7	13	26	13	4	1		1				1		1	1
1929									1	13	63	106	38	39	24	35	10	4	4	7	11	10													
1930						1		4	56	24	25	29	39	41	23	24	3	10	11	15	31	23	6											
1931			28	35	22	32	41	59	20	24	14	15	8	11	12	20	11	7	5	1														
1932		2	2	2	23	29	28	19	20	15	28	40	28	7	9	5	2	5	7	10	17	28	27	3	6	4								
1933		13	9	11	11	60	107	12	13	13	5	5	9	5	8	19	18	14	4	5	4	10	8	2										
1934			29	6	11	24	14	24	38	29	36	17	62	13	15	17	15	9	1	1	2	1		1										
1935			9	13	7	14	57	30	37	56	9	8	23	3	6	3	4	5	3	8	5	9	16	16	20	4								
1936			5	4	32	20	20	13	6	12	15	4	8	20	22	49	24	12	10	9	21	11	11	6	14	10	8								
1937							6	6	21	17	17	21	38	29	35	32	53	17	12	4	8	21	14	10	4										
1938										23	26	14	3	15	28	110	28	12	7	5	6	10	10	2	5	11	8	23	12	2	4				1
1939														1	104	204	34	9	13															
1940													39	37	56	98	36	6	6	4	13	13	14	10	23	6	3	1		1					
1941															70	108	83	25	15	13	18	9	11	12	1									
1942															51	88	63	29	11	5	5	11	18	28	28	22	6							
1943															50	49	93	13	13	12	7	18	17	3	37	34	19							
1944															48	200	72	11	11	18	4	2												
1945														10	100	107	81	10	13	5	11	10	3	4	4	7								
1946															63	123	95	17	8	7	5	16	8	6	9	8								
1947															98	190	45	16	7	2	4	3												
1948													28	33	120	77	33	21	13	11	12	12	6											
1949													28	78	107	83	13	14	6	12	17	6	1											
1950									1	14	30	24	39	4	43	104	7	9	12	11	8	19	6	20	13	1								
1951														5	37	42	76	25	39	23	23	27	10	16	12	16	5	4	1	1		2		1
1952															37	46	75	13	6	2	3	14	81	9	2	7	12	8	9	39	3				
1953															1	103	99	27	7	6	26	38	37	9	4	7	1							
1954															35	198	81	9	9	3	7	19	3		1									
1955														1	150	117	58	9	14	11	4	1												
1956													16	33	29	41	49	9	18	11	16	33	27	35	22	12	10		2			1	1		1
1957															36	76	124	27	24	22	20	18	5	8	2	2	1							
1958															60	88	99	18	10	2	1	4	11	8	8	7	4	15	13	17				
1959															27	151	179	6	1	1														
1960													15	45	92	44	107	23	13	15	11	1												
1961							8	5	7	29	22	66	43	20	46	79	30	9	1															
1962				5	18	48	36	19	7	11	4	20	5	2	3	85	15	7	12	17	16	20	10	4	1									
1963											14	7	18	6	51	83	60	19	18	12	15	21	9	8	10	7	2	2	2		1			
1964													23	32	110	74	64	7	11	19	19	7												
1965													33	18	34	50	49	15	17	24	32	36	31	6	7	2	2	2	2	2	1	1	1	
1966											1	1	3	6	29	85	117	37	27	14	18	14	4	9										
1967													15	35	41	65	64	34	10	5	7	9	8	4	4	8	9	19	17	11				
1968														4	39	80	128	57	23	11	11	10	1	2										
1969															78	41	65	8	5	8	4	8	15	26	12	7	48	32	8					
1970															66	24	83	39	15	4	33	42	28	6	10	5	4	3	3					
1971													1	3	35	50	41	53	50	23	40	12	9	11	23	13	1							
1972															30	157	47	9	37	22	47	17												
1973														5	85	61	24	29	99	11	26	18	7											
1974															30	33	41	52	35	20	34	20	22	40	26	11	1							
1975															6	39	139	23	29	17	31	35	2	6	7	5	20	6						
1976															100	26	22	120	55	20	23													

10346000 TRUCKEE RIVER AT FARAD, CA--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	24472	100.0	12	260.0	671	21727	88.8	24	2100	464	1439	5.8
1	37.00	17	24472	100.0	13	310.0	816	21056	86.0	25	2500	328	975	3.9
2	44.00	67	24455	99.9	14	360.0	3689	20240	82.7	26	3000	291	647	2.6
3	53.00	128	24388	99.7	15	430.0	5139	16551	67.6	27	3600	165	356	1.4
4	63.00	133	24260	99.1	16	520.0	3681	11412	46.6	28	4300	93	191	.7
5	75.00	257	24127	98.6	17	620.0	1399	7731	31.6	29	5100	77	98	.4
6	89.00	354	23870	97.5	18	740.0	1061	6332	25.9	30	6100	9	21	
7	110.00	197	23516	96.1	19	880.0	657	5271	21.5	31	7300	5	12	
8	130.00	235	23319	95.3	20	1000.0	924	4614	18.9	32	8700	2	7	
9	150.00	395	23084	94.3	21	1200.0	1017	3690	15.1	33	10000	2	5	
10	180.00	408	22689	92.7	22	1500.0	722	2673	10.9	34	12000	3	3	
11	210.00	554	22281	91.0	23	1800.0	512	1951	8.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1910	515.00 67	532.00 67	551.00 67	570.00 67	578.00 67	603.00 67	639.00 67	685.00 67	860.00 67
1911	385.00 58	385.00 53	385.00 47	394.00 46	399.00 38	420.00 45	432.00 44	440.00 44	516.00 58
1912	330.00 30	330.00 30	353.00 33	367.00 34	372.00 29	380.00 28	463.00 57	485.00 57	491.00 49
1913	330.00 31	342.00 33	354.00 35	359.00 29	375.00 31	401.00 34	404.00 29	409.00 28	420.00 26
1914	330.00 32	333.00 31	337.00 29	343.00 28	353.00 28	382.00 29	390.00 26	414.00 32	444.00 33
1915	373.00 49	379.00 47	392.00 51	400.00 51	414.00 51	432.00 53	487.00 62	506.00 62	513.00 56
1916	358.00 42	366.00 40	376.00 41	381.00 39	391.00 36	396.00 31	407.00 31	425.00 35	474.00 46
1917	390.00 60	390.00 54	396.00 53	410.00 57	464.00 65	496.00 65	505.00 63	508.00 63	515.00 57
1918	359.00 44	359.00 39	363.00 38	390.00 43	409.00 47	416.00 43	429.00 40	432.00 39	457.00 38
1919	358.00 43	384.00 50	390.00 49	397.00 48	417.00 55	421.00 46	437.00 47	434.00 40	457.00 39
1920	346.00 38	349.00 37	353.00 34	364.00 33	387.00 35	399.00 32	410.00 35	412.00 31	424.00 27
1921	175.00 17	180.00 17	188.00 17	205.00 18	217.00 17	233.00 17	284.00 17	307.00 17	353.00 16
1922	203.00 20	211.00 19	223.00 19	239.00 19	265.00 19	292.00 18	321.00 18	339.00 18	381.00 20
1923	379.00 53	397.00 60	401.00 56	405.00 54	411.00 49	415.00 39	429.00 41	429.00 38	446.00 34
1924	349.00 41	372.00 43	378.00 42	385.00 41	401.00 41	403.00 35	408.00 32	416.00 33	419.00 25
1925	40.00 2	43.00 2	47.00 2	52.00 3	77.00 5	82.00 5	105.00 8	123.00 8	165.00 8
1926	157.00 15	162.00 15	163.00 15	167.00 13	171.00 13	193.00 13	193.00 12	204.00 11	229.00 11
1927	56.00 5	56.00 5	57.00 5	58.00 5	61.00 4	72.00 4	92.00 6	128.00 9	195.00 9
1928	341.00 36	352.00 38	369.00 39	376.00 37	383.00 32	399.00 33	410.00 33	411.00 29	430.00 28
1929	145.00 13	162.00 16	179.00 16	184.00 16	190.00 16	192.00 12	204.00 13	210.00 12	245.00 12
1930	124.00 11	127.00 11	131.00 11	136.00 11	137.00 11	144.00 10	169.00 10	194.00 10	226.00 10
1931	61.00 9	66.00 8	67.00 6	72.00 6	80.00 6	94.00 8	101.00 7	117.00 7	142.00 7
1932	42.00 3	43.00 3	47.00 3	48.00 2	49.00 2	53.00 2	60.00 1	63.00 1	72.00 1
1933	60.00 7	66.00 9	74.00 9	78.00 8	84.00 9	89.00 7	90.00 5	91.00 5	97.00 2
1934	37.00 1	38.00 1	40.00 1	41.00 1	47.00 1	52.00 1	63.00 2	77.00 2	102.00 3
1935	60.00 8	63.00 7	72.00 8	79.00 9	83.00 7	107.00 9	110.00 9	113.00 6	127.00 6
1936	49.00 4	50.00 4	51.00 4	53.00 4	56.00 3	71.00 3	73.00 3	81.00 3	112.00 4
1937	99.00 10	101.00 10	103.00 10	117.00 10	129.00 10	149.00 11	178.00 11	214.00 13	278.00 14
1938	157.00 16	159.00 14	162.00 13	169.00 14	180.00 14	206.00 15	222.00 16	266.00 16	372.00 18
1939	348.00 39	384.00 51	393.00 52	405.00 55	414.00 52	418.00 44	425.00 38	425.00 36	436.00 29
1940	290.00 26	293.00 24	296.00 24	298.00 23	303.00 21	311.00 19	340.00 19	360.00 21	395.00 22
1941	384.00 57	390.00 55	402.00 57	410.00 58	419.00 56	439.00 57	442.00 50	443.00 45	460.00 40
1942	398.00 63	401.00 62	404.00 59	408.00 56	416.00 54	425.00 47	451.00 53	467.00 54	506.00 54
1943	383.00 56	400.00 61	413.00 62	415.00 60	415.00 53	436.00 55	450.00 52	463.00 51	499.00 52
1944	394.00 61	407.00 63	413.00 63	417.00 61	421.00 59	425.00 48	429.00 42	435.00 42	451.00 35
1945	345.00 37	346.00 36	349.00 31	361.00 32	386.00 34	390.00 30	402.00 28	406.00 26	440.00 31
1946	368.00 47	376.00 45	382.00 43	397.00 49	413.00 50	434.00 54	438.00 49	453.00 48	473.00 44
1947	382.00 54	396.00 57	399.00 55	401.00 53	406.00 46	431.00 51	437.00 48	434.00 41	455.00 37
1948	293.00 27	296.00 26	298.00 25	299.00 24	304.00 22	323.00 21	361.00 24	365.00 23	376.00 19
1949	293.00 28	299.00 28	300.00 26	303.00 25	309.00 24	332.00 22	351.00 23	351.00 19	358.00 17
1950	142.00 12	156.00 13	163.00 14	172.00 15	184.00 15	202.00 14	220.00 14	241.00 15	300.00 15
1951	338.00 35	344.00 35	355.00 36	360.00 30	410.00 48	425.00 49	449.00 51	465.00 53	730.00 66
1952	394.00 62	396.00 58	397.00 54	400.00 52	419.00 57	431.00 52	460.00 55	478.00 56	496.00 51
1953	420.00 66	427.00 66	433.00 65	436.00 65	443.00 63	450.00 58	474.00 60	489.00 59	555.00 62
1954	407.00 65	415.00 64	416.00 64	421.00 62	426.00 60	429.00 50	436.00 46	445.00 46	473.00 45
1955	349.00 40	368.00 41	383.00 44	393.00 45	399.00 39	404.00 36	411.00 36	412.00 30	416.00 24
1956	282.00 24	296.00 27	304.00 27	308.00 27	315.00 26	341.00 25	369.00 25	400.00 25	444.00 32
1957	374.00 50	385.00 52	405.00 60	423.00 64	444.00 64	452.00 59	479.00 61	502.00 61	506.00 53
1958	361.00 45	376.00 46	383.00 45	387.00 42	400.00 40	416.00 40	435.00 45	440.00 43	460.00 41
1959	382.00 55	396.00 54	405.00 61	412.00 59	420.00 58	452.00 60	461.00 56	464.00 52	485.00 48
1960	285.00 25	293.00 25	295.00 23	304.00 26	309.00 25	336.00 24	345.00 20	358.00 20	396.00 23
1961	150.00 14	151.00 12	152.00 12	154.00 12	166.00 12	207.00 16	222.00 15	239.00 14	266.00 13
1962	58.00 6	60.00 6	71.00 7	74.00 7	83.00 8	85.00 6	88.00 4	90.00 4	119.00 5
1963	192.00 18	196.00 18	199.00 18	203.00 17	263.00 18	358.00 26	398.00 27	474.00 55	480.00 47
1964	276.00 23	278.00 23	286.00 22	291.00 21	306.00 23	333.00 23	349.00 21	362.00 22	383.00 21
1965	270.00 22	277.00 22	283.00 21	293.00 22	300.00 20	319.00 20	351.00 22	388.00 24	436.00 30
1966	198.00 19	250.00 20	322.00 28	360.00 31	373.00 30	462.00 62	515.00 64	527.00 64	670.00 65
1967	269.00 21	270.00 21	273.00 20	276.00 20	322.00 27	361.00 27	406.00 30	409.00 27	451.00 36
1968	330.00 33	343.00 34	362.00 37	382.00 40	405.00 45	469.00 63	468.00 59	495.00 60	542.00 61
1969	364.00 46	370.00 42	372.00 40	380.00 38	393.00 37	416.00 41	416.00 37	427.00 37	464.00 43
1970	375.00 51	380.00 48	392.00 50	397.00 50	403.00 43	416.00 42	430.00 43	461.00 50	509.00 55

10346000 TRUCKEE RIVER AT FARAD, CA--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1971	296.00 29	316.00 29	344.00 30	371.00 35	430.00 61	437.00 56	464.00 58	487.00 58	540.00 60
1972	389.00 59	392.00 56	402.00 58	422.00 63	439.00 62	455.00 61	459.00 54	460.00 49	604.00 63
1973	334.00 34	339.00 32	352.00 32	371.00 36	383.00 33	407.00 37	426.00 39	453.00 47	461.00 42
1974	379.00 52	381.00 49	385.00 48	392.00 44	402.00 42	472.00 64	545.00 66	578.00 66	644.00 64
1975	401.00 64	420.00 65	439.00 66	462.00 66	500.00 66	513.00 66	519.00 65	527.00 65	538.00 59
1976	372.00 48	373.00 44	383.00 46	395.00 47	405.00 44	411.00 38	410.00 34	416.00 34	494.00 50

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1910	3890.0 19	3110.0 25	2460.0 32	2280.0 30	2050.0 29	1870.0 26	1710.0 23	1580.0 19	1460.0 14
1911	5830.0 10	5590.0 10	4740.0 9	4550.0 5	4280.0 5	4040.0 4	3680.0 2	3330.0 2	2540.0 3
1912	2230.0 40	2100.0 38	2040.0 38	1690.0 40	1640.0 38	1240.0 41	979.0 45	843.0 47	728.0 48
1913	1880.0 48	1660.0 51	1590.0 47	1510.0 45	1390.0 44	1210.0 43	1020.0 44	887.0 45	753.0 46
1914	4280.0 18	3860.0 16	3760.0 15	3570.0 10	3180.0 11	3110.0 7	2730.0 7	2450.0 7	1830.0 8
1915	4470.0 15	3810.0 18	3230.0 19	2440.0 26	2160.0 26	1920.0 25	1680.0 24	1430.0 24	1130.0 26
1916	4370.0 16	3840.0 17	3440.0 17	3380.0 13	3280.0 9	2820.0 9	2510.0 8	2270.0 9	1750.0 10
1917	3650.0 22	3600.0 20	3180.0 21	3040.0 18	2620.0 19	2440.0 13	2170.0 13	1870.0 13	1440.0 15
1918	2070.0 45	1970.0 44	1890.0 42	1750.0 39	1690.0 37	1370.0 37	1170.0 37	1030.0 37	901.0 37
1919	4370.0 17	4370.0 15	3820.0 14	3190.0 16	2780.0 14	2240.0 17	1730.0 22	1460.0 23	1150.0 25
1920	2030.0 46	2010.0 42	1870.0 44	1620.0 42	1460.0 42	1160.0 46	975.0 46	856.0 46	732.0 47
1921	2100.0 43	2010.0 43	1880.0 43	1600.0 43	1580.0 40	1480.0 35	1350.0 33	1260.0 30	1010.0 28
1922	4670.0 14	4600.0 12	4040.0 13	3540.0 12	3330.0 8	2890.0 8	2230.0 12	1810.0 15	1360.0 20
1923	2620.0 35	2520.0 34	2380.0 35	2270.0 31	1930.0 32	1610.0 31	1420.0 31	1240.0 31	991.0 30
1924	767.0 66	639.0 67	569.0 67	555.0 67	520.0 67	495.0 67	466.0 66	458.0 66	446.0 64
1925	3430.0 23	2630.0 33	1950.0 40	1480.0 46	1460.0 43	1240.0 42	1060.0 43	928.0 42	789.0 43
1926	1590.0 53	1480.0 53	1390.0 52	1300.0 52	1210.0 50	957.0 53	811.0 55	708.0 55	571.0 58
1927	3700.0 21	3430.0 21	3150.0 23	2820.0 22	2670.0 18	2390.0 15	2040.0 16	1770.0 17	1410.0 18
1928	12000.0 3	9870.0 2	5590.0 8	3260.0 15	2220.0 24	1830.0 27	1460.0 30	1220.0 33	978.0 31
1929	1480.0 55	1300.0 56	1260.0 55	1160.0 56	1080.0 55	801.0 57	685.0 59	611.0 60	491.0 62
1930	1720.0 52	1690.0 50	1570.0 48	1390.0 50	1320.0 46	1180.0 44	1090.0 41	928.0 43	713.0 49
1931	888.0 64	758.0 64	727.0 64	660.0 64	578.0 64	496.0 66	433.0 67	364.0 67	276.0 67
1932	2950.0 31	2880.0 30	2640.0 29	2270.0 32	1850.0 33	1610.0 32	1510.0 28	1300.0 28	944.0 32
1933	2010.0 47	1910.0 45	1690.0 45	1510.0 44	1340.0 45	972.0 50	823.0 53	680.0 57	486.0 63
1934	2500.0 37	1840.0 46	1360.0 53	1040.0 58	855.0 60	691.0 61	569.0 62	479.0 65	420.0 66
1935	2640.0 34	2470.0 35	2410.0 33	2120.0 34	2090.0 27	1980.0 24	1630.0 26	1310.0 27	916.0 35
1936	3310.0 25	3260.0 23	3170.0 22	2930.0 19	2580.0 20	2110.0 22	1740.0 20	1510.0 22	1160.0 24
1937	2340.0 38	2270.0 37	2050.0 36	1890.0 36	1700.0 36	1530.0 34	1260.0 35	1080.0 36	875.0 38
1938	12300.0 2	7830.0 4	5830.0 5	4880.0 4	4490.0 4	3910.0 5	3100.0 6	2480.0 6	1800.0 9
1939	857.0 65	822.0 63	789.0 63	664.0 63	620.0 63	590.0 63	569.0 63	551.0 62	535.0 61
1940	5440.0 11	4410.0 14	3350.0 18	2420.0 27	2240.0 23	2190.0 19	1850.0 18	1530.0 20	1180.0 23
1941	2270.0 39	2070.0 39	1920.0 41	1830.0 38	1720.0 35	1390.0 36	1130.0 39	1010.0 38	869.0 39
1942	3250.0 27	3150.0 24	2950.0 24	2890.0 21	2720.0 16	2420.0 14	2300.0 11	1910.0 11	1560.0 11
1943	3420.0 24	3360.0 22	3190.0 20	3130.0 17	3060.0 12	2720.0 10	2450.0 9	2300.0 8	1840.0 6
1944	1250.0 58	1190.0 59	1090.0 60	1000.0 59	918.0 58	798.0 58	711.0 58	664.0 58	607.0 56
1945	2850.0 32	2720.0 32	2700.0 27	2370.0 28	1850.0 34	1340.0 38	1090.0 40	950.0 41	810.0 41
1946	2810.0 33	2740.0 31	2660.0 28	2490.0 25	2170.0 25	1670.0 30	1330.0 34	1130.0 34	925.0 34
1947	1250.0 59	1200.0 58	1130.0 58	880.0 62	776.0 62	671.0 62	618.0 61	589.0 61	558.0 59
1948	1780.0 50	1700.0 49	1550.0 50	1430.0 48	1250.0 49	1040.0 49	902.0 49	812.0 50	698.0 51
1949	1540.0 54	1390.0 54	1250.0 56	1190.0 54	1110.0 53	937.0 55	799.0 56	727.0 54	618.0 55
1950	2610.0 36	2420.0 36	2400.0 34	2250.0 33	2010.0 30	1770.0 29	1500.0 29	1270.0 29	1010.0 29
1951	11000.0 4	8670.0 3	6120.0 4	4050.0 8	3600.0 7	2680.0 11	2320.0 10	1890.0 12	1530.0 13
1952	6870.0 7	6700.0 6	6160.0 3	5740.0 1	5680.0 1	5270.0 1	4390.0 1	3690.0 1	2980.0 1
1953	3050.0 28	2970.0 26	2950.0 25	2510.0 24	2090.0 28	1810.0 28	1640.0 25	1390.0 25	1210.0 22
1954	2200.0 41	1510.0 52	1430.0 51	1390.0 49	1190.0 51	970.0 51	853.0 51	773.0 52	685.0 52
1955	1250.0 60	1160.0 60	1080.0 61	980.0 60	877.0 59	749.0 60	672.0 60	637.0 59	589.0 57
1956	13400.0 1	10200.0 1	6380.0 1	3760.0 9	2690.0 17	2380.0 16	2120.0 14	1960.0 10	1830.0 7
1957	3280.0 26	2960.0 27	2520.0 31	2110.0 35	1630.0 39	1290.0 40	1190.0 36	1110.0 35	930.0 33
1958	5920.0 9	5820.0 8	5710.0 6	5450.0 2	5160.0 2	4260.0 2	3400.0 4	2720.0 4	1980.0 5
1959	895.0 63	740.0 65	623.0 66	569.0 66	552.0 66	543.0 65	541.0 64	538.0 63	538.0 60
1960	1380.0 56	1120.0 61	1010.0 62	910.0 61	844.0 61	785.0 59	742.0 57	704.0 56	652.0 54
1961	745.0 67	710.0 66	670.0 65	625.0 65	577.0 65	544.0 64	526.0 65	509.0 64	443.0 65
1962	2180.0 42	2030.0 41	1960.0 39	1660.0 41	1560.0 41	1300.0 39	1140.0 38	986.0 39	817.0 40
1963	7960.0 6	5770.0 9	4530.0 11	2930.0 20	1970.0 31	1590.0 33	1350.0 32	1230.0 32	1110.0 27
1964	1240.0 61	1220.0 57	1210.0 57	1180.0 55	1090.0 54	970.0 52	827.0 52	753.0 53	668.0 53
1965	9090.0 5	7780.0 5	6290.0 2	4320.0 6	2830.0 13	2030.0 23	1520.0 27	1360.0 26	1440.0 16
1966	2070.0 44	2070.0 40	2050.0 37	1840.0 37	1300.0 48	1110.0 47	904.0 48	818.0 49	801.0 42
1967	6080.0 8	5850.0 7	5590.0 7	5260.0 3	4760.0 3	4230.0 3	3260.0 5	2690.0 5	1990.0 4
1968	1870.0 49	1800.0 47	1570.0 49	1360.0 51	1010.0 57	837.0 56	821.0 54	787.0 51	707.0 50
1969	4860.0 12	4860.0 11	4710.0 10	4200.0 7	3830.0 6	3760.0 6	3630.0 3	3270.0 3	2600.0 2
1970	4750.0 13	4500.0 13	4220.0 12	3560.0 11	2760.0 15	2190.0 20	1740.0 21	1510.0 21	1390.0 19
1971	3000.0 30	2950.0 28	2850.0 26	2630.0 23	2400.0 21	2200.0 18	1810.0 19	1580.0 18	1300.0 21
1972	1380.0 57	1360.0 55	1340.0 54	1290.0 53	1190.0 52	1070.0 48	975.0 47	903.0 44	777.0 45
1973	1760.0 51	1750.0 48	1690.0 46	1480.0 47	1310.0 47	1160.0 45	1060.0 42	986.0 40	902.0 36
1974	3040.0 29	2920.0 29	2580.0 30	2330.0 29	2260.0 22	2120.0 21	2040.0 15	1830.0 14	1550.0 12
1975	3730.0 20	3650.0 19	3610.0 16	3360.0 14	3250.0 10	2440.0 12	2020.0 17	1800.0 16	1440.0 17
1976	1130.0 62	1110.0 62	1100.0 59	1080.0 57	1040.0 56	946.0 54	865.0 50	836.0 48	787.0 44

10346000 TRUCKEE RIVER AT FARAD, CA--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
395	406	503	548	612	734	1311	1729	1281	644	517	466
28280	68770	191800	147100	198600	204800	695500	1135000	845800	104800	26910	25230
168	262	438	384	446	453	834	1065	920	324	164	159
0.12	3.96	3.23	1.78	1.98	1.46	1.28	1.60	1.52	2.03	-0.28	-0.77
0.43	0.65	0.87	0.70	0.73	0.62	0.64	0.62	0.72	0.50	0.32	0.34
4.32	4.43	5.50	5.99	6.69	8.02	14.3	18.9	14.0	7.05	5.65	5.10

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
752	101900	319	0.90	0.42	0.244

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.54	2.54	2.60	2.65	2.70	2.80	3.04	3.17	3.01	2.76	2.68	2.62
0.07	0.06	0.09	0.08	0.07	0.06	0.06	0.06	0.09	0.05	0.04	0.06
0.26	0.25	0.30	0.29	0.27	0.24	0.25	0.25	0.30	0.22	0.21	0.24
-1.46	-0.63	-0.18	-0.26	0.12	0.17	0.38	-0.01	-0.15	-1.26	-2.62	-2.35
0.10	0.10	0.12	0.11	0.10	0.09	0.08	0.08	0.10	0.08	0.08	0.09
7.67	7.68	7.84	8.00	8.15	8.45	9.19	9.57	9.09	8.34	8.10	7.93

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.84	0.04	0.19	-0.31	0.07	0.330

10346000 TRUCKEE RIVER AT FARAD, CA--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1900	1885.0	1920	2030.0	1939	857.0	1958	6360.0
1901	4370.0	1921	2100.0	1940	7120.0	1959	1050.0
1902	3596.0	1922	4670.0	1941	2518.0	1960	2180.0
1903	3211.0	1923	2620.0	1942	3425.0	1961	876.0
1904	6730.0	1924	767.0	1943	6260.0	1962	2420.0
1905	2090.0	1925	3430.0	1944	1694.0	1963	11900.0
1906	5410.0	1926	1590.0	1945	3357.0	1964	1920.0
1907	15300.0	1927	3700.0	1946	3085.0	1965	12000.0
1908	1870.0	1928	12000.0	1947	1253.0	1966	2110.0
1909	8110.0	1929	1480.0	1948	1780.0	1967	6710.0
1910	3890.0	1930	1720.0	1949	1539.0	1968	2100.0
1911	5830.0	1931	888.0	1950	2607.0	1969	5120.0
1912	2230.0	1932	2950.0	1951	17500.0	1970	6380.0
1913	1875.0	1933	2010.0	1952	6874.0	1971	3470.0
1914	4280.0	1934	2500.0	1953	3048.0	1972	1500.0
1915	4470.0	1935	2640.0	1954	2203.0	1973	2000.0
1916	4370.0	1936	3314.0	1955	1254.0	1974	3410.0
1917	3650.0	1937	2340.0	1956	14400.0	1975	4100.0
1918	2070.0	1938	15500.0	1957	3276.0	1976	1500.0
1919	4370.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4974	3.4974
STANDARD DEVIATION	0.3112	0.3112
SKEW COEFFICIENTS		
STATION	0.4574	0.4574
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.3478 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	77	77
PERIOD (YEARS)	77	77

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	674.6	627.1	593.5	470.7	787.9
0.9900	757.2	714.0	684.5	545.3	886.1
0.9500	1069.2	1042.5	1022.6	834.8	1250.7
0.9000	1308.9	1294.1	1275.0	1062.2	1526.7
0.8000	1702.2	1704.7	1691.5	1436.0	1976.4
0.5000	2977.0	3016.0	3016.0	2631.4	3451.6
0.2000	5624.7	5659.1	5715.5	4887.1	6694.1
0.1000	8098.6	8055.2	8225.1	6801.0	9871.6
0.0400	12247.1	11958.7	12399.5	9768.4	15366.4
0.0200	16222.1	15597.3	16502.2	12426.0	20748.1
0.0100	21086.8	19947.1	21504.9	15507.5	27434.6

10347300 DOG CREEK NEAR VERDI, NV

LOCATION.--Lat 39°33'55", long 120°01'25", in SW¼SW¼ sec.30, T.20 N., R.18 E., Sierra County, Hydrologic Unit 16050102, on left bank 3.5 mi (5.6 km) upstream from mouth, and 4 mi (6 km) northwest of Verdi.

DRAINAGE AREA.--16.2 mi^2 (42.0 km^2).

REMARKS.--No known regulation or diversions.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1957			90	16	5	30	77	19	4	4	2	8	16	10	17	8	18	13	9	7	5	2	2	1			2								
1958			67	31	37	19	44	20	13	4	4	1	2	1	5	4	7	13	5	12	8	18	11	4	2	8	13		3	6	2	1			
1959		12	91	53	12	33	35	27	14	13	12	6	4	3	10	5	15	10	5	3	2														
1960		63	123	24	19	20	19	6	14	13	12	5	2	2	2	2	3	7	8	11	5	2	1	1			1		1						
1961			167	15	38	45	37	35	12	10	3		2	1																					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	2.4	26	343	18.8	24	36	2	39	2.1
1	0.10	75	1826	100.0	13	3.0	17	317	17.4	25	45	8	37	2.0
2	0.20	538	1751	95.9	14	3.8	34	300	16.4	26	57	16	29	1.5
3	0.30	139	1213	66.4	15	4.7	19	266	14.6	27	71		13	.7
4	0.40	111	1074	58.8	16	5.9	43	247	13.5	28	90	4	13	.7
5	0.50	147	963	52.7	17	7.4	43	204	11.2	29	110	6	9	.4
6	0.60	212	816	44.7	18	9.3	27	161	8.8	30	140	2	3	.1
7	0.80	107	604	33.1	19	12.0	33	134	7.3	31	180	1	1	
8	1.00	57	497	27.2	20	15.0	20	101	5.5	32				
9	1.20	44	440	24.1	21	18.0	22	81	4.4	33				
10	1.50	33	396	21.7	22	23.0	14	59	3.2	34				
11	1.90	20	363	19.9	23	29.0	6	45	2.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1958	0.20	3	0.20	3	0.20	3	0.20	3	0.20	3	0.20	3	0.20	3	0.22	3	0.33	3
1959	0.20	4	0.20	4	0.20	4	0.20	4	0.20	4	0.21	4	0.24	4	0.26	4	0.34	4
1960	0.10	1	0.10	1	0.10	1	0.11	2	0.16	2	0.18	2	0.19	2	0.19	2	0.20	1
1961	0.10	2	0.10	2	0.10	2	0.10	1	0.10	1	0.11	1	0.13	1	0.15	1	0.21	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1957	67.0	3	53.0	2	34.0	2	23.0	2	15.0	3	11.0	3	8.6	2	7.9	2	5.4	2
1958	190.0	1	152.0	1	138.0	1	105.0	1	81.0	1	51.0	1	42.0	1	34.0	1	23.0	1
1959	16.0	4	14.0	4	12.0	4	11.0	4	8.2	4	5.9	4	4.5	4	3.7	4	2.8	4
1960	103.0	2	42.0	3	23.0	3	18.0	3	16.0	2	11.0	2	8.2	3	6.3	3	4.3	3
1961	3.4	5	2.2	5	1.5	5	1.3	5	1.0	5	1.0	5	0.8	5	0.8	5	0.7	5

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.31	0.46	0.65	0.83	7.94	9.17	16.0	8.24	1.21	0.22	0.18	0.20
0.02	0.03	0.06	0.32	65.9	28.2	817	198	1.73	0.01	0.00	0.00
0.13	0.16	0.25	0.57	8.12	5.31	28.6	14.1	1.32	0.10	0.05	0.01
1.20	-0.88	-0.11	2.13	1.35	-1.05	2.21	2.11	1.00	1.34	-1.21	-2.24
0.42	0.34	0.38	0.68	1.02	0.58	1.78	1.71	1.09	0.45	0.28	0.04
0.68	1.02	1.43	1.82	17.5	20.2	35.3	18.1	2.66	0.49	0.39	0.43

10347300 DOG CREEK NEAR VERDI, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
3.75	20.2	4.50	2.01	1.20	-0.224

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
8Y ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.54	-0.36	-0.22	-0.14	0.67	0.82	0.68	0.36	-0.17	-0.69	-0.76	-0.71
0.03	0.03	0.03	0.05	0.29	0.25	0.55	0.63	0.28	0.04	0.02	0.00
0.17	0.18	0.19	0.23	0.53	0.50	0.74	0.79	0.53	0.19	0.14	0.02
0.62	-1.46	-0.78	1.87	-0.20	-2.01	0.76	0.79	0.53	0.23	-1.54	-2.23
-0.32	-0.50	-0.85	-1.65	0.79	0.62	1.08	2.23	-3.16	-0.28	-0.19	-0.02
51.0	34.3	20.7	13.5	-64.1	-77.8	-65.0	-33.8	16.1	65.5	72.6	67.2

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.34	0.26	0.51	0.17	1.48	-0.020

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1957	157.0	1959	35.0	1960	256.0	1961	16.0
1958	550.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.0185	2.0185
STANDARD DEVIATION	0.6310	0.6310
SKEW COEFFICIENTS		
STATION	-0.3418	-0.3418
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.6	2.8	0.0	0.0	13.9
0.9900	2.5	4.0	0.0	0.0	17.5
0.9500	8.4	10.0	3.9	0.3	34.7
0.9000	15.5	16.5	9.5	0.8	51.7
0.8000	31.7	30.5	22.6	3.0	89.2
0.5000	113.4	101.9	101.9	27.0	374.4
0.2000	360.9	351.8	485.3	120.4	3558.8
0.1000	631.9	681.8	1255.6	216.0	14654.9
0.0400	1110.8	1395.3	4935.3	378.3	72845.3
0.0200	1571.0	2228.8	15699.8	533.7	212651.8
0.0100	2120.7	3409.9	********	722.4	567875.6

10347600 HUNTER CREEK NEAR RENO, NV

LOCATION.--Lat 39°29'25", long 119°53'55", in SW¼SW¼ sec.19, T.19 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on right bank, 1.0 mi (1.6 km) upstream from mouth, 1.2 mi (1.9 km) upstream from Hunter Creek Reservoir, and 5 mi (8.0 km) southwest of Reno.

DRAINAGE AREA.--11.5 mi^2 (29.8 km^2).

REMARKS.--No upstream diversion or regulation. One diversion 300 ft (90 m) below gage for Hunter Creek Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1962		3	6	4	16	31	21	35	15	16	15	8	6	6	6	12	4	28	9	24															
1963					1	5	46	37	28	39	22	34	23	25	8	12	4	8	10	11	5	6	7	6	14	8	11	3								2
1964								4	37	120	72	31	20	15	7	9	4	8	7	22	4	5		1											
1965						2	12	37	25	5	44	47	43	13	1	16	6	10	7	12	7	13	8	8	17	8	22			2					
1966							7	58	23	58	91	47	12	22	7	19	4	8	8	1															
1967							5	79	35	50	20	28	17	11	9	18	5	7	6	7	3	3	4	8	3	10	15	10	7	4					
1968									56	76	72	65	25	10	7	15	10	15	15																
1969					2	2	4	19	65	45	29	32	11	18	10	16	13	12	11	9	6	4	3	6	4	5	13	4	12	10					
1970									11	19	96	94	24	19	3	14	5	18	6	8	15	4	5	5	16	3									
1971								3	43	40	78	37	26	22	4	21	3	11	5	4	22	7	4	5	5	9	13	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	3652	100.0	12	7.9	207	1354	37.1	24	33	59	233	6.3
1	2.00	3	3652	100.0	13	8.9	161	1147	31.4	25	37	43	174	4.7
2	2.40	6	3649	99.9	14	10.0	62	986	27.0	26	42	74	131	3.5
3	2.70	4	3643	99.8	15	11.0	152	924	25.3	27	48	20	57	1.5
4	3.00	19	3639	99.6	16	13.0	58	772	21.1	28	54	19	37	1.0
5	3.40	40	3620	99.1	17	14.0	125	714	19.6	29	60	16	18	.4
6	3.80	185	3580	98.0	18	16.0	84	589	16.1	30	68		2	
7	4.30	272	3395	93.0	19	18.0	98	505	13.8	31	77		2	
8	4.90	339	3123	85.5	20	21.0	62	407	11.1	32	87		2	
9	5.50	468	2784	76.2	21	23.0	42	345	9.4	33	98		2	
10	6.20	539	2316	63.4	22	26.0	31	303	8.3	34	110	2	2	
11	7.00	423	1777	48.7	23	29.0	39	272	7.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1963	3.20	2	3.50	1	3.90	1	4.00	1	4.10	1	4.40	1	4.50	1	4.80	2	4.70	1
1964	5.00	7	5.30	9	5.40	8	5.50	8	5.60	6	5.70	6	5.80	6	5.90	6	6.30	6
1965	3.50	3	3.80	3	4.00	2	4.50	3	4.60	3	4.70	3	4.70	3	4.80	3	6.10	5
1966	4.30	5	4.50	5	4.90	5	5.40	6	5.80	7	6.00	7	6.00	7	6.10	7	6.50	7
1967	3.90	4	4.10	4	4.20	3	4.30	2	4.30	2	4.50	2	4.60	2	4.60	1	4.80	2
1968	5.00	8	5.10	7	5.50	9	5.60	9	5.80	8	6.10	8	6.30	8	6.40	8	6.80	8
1969	3.10	1	3.60	2	4.50	4	4.60	4	4.70	4	4.90	4	5.10	4	5.20	4	5.30	3
1970	5.00	9	5.10	8	5.30	7	5.40	7	6.10	9	6.40	9	6.50	9	6.60	9	7.60	9
1971	4.70	6	4.90	6	5.00	6	5.20	5	5.30	5	5.60	5	5.80	5	5.90	5	6.10	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1962	20.0	8	20.0	8	19.0	8	18.0	8	17.0	8	16.0	8	15.0	7	13.0	7	9.9	8
1963	230.0	1	129.0	1	67.0	1	45.0	4	40.0	5	33.0	5	28.0	5	23.0	5	20.0	4
1964	29.0	7	25.0	7	24.0	7	22.0	7	20.0	7	17.0	7	15.0	8	13.0	8	10.0	7
1965	63.0	4	55.0	4	44.0	5	43.0	5	41.0	4	36.0	3	32.0	3	27.0	3	21.0	2
1966	19.0	9	18.0	9	17.0	9	16.0	9	14.0	10	12.0	10	11.0	10	9.7	10	8.5	10
1967	64.0	3	62.0	3	60.0	3	57.0	2	50.0	2	44.0	2	35.0	2	29.0	2	21.0	3
1968	17.0	10	17.0	10	17.0	10	16.0	10	15.0	9	13.0	9	12.0	9	10.0	9	9.1	9
1969	65.0	2	63.0	2	62.0	2	59.0	1	56.0	1	46.0	1	36.0	1	30.0	1	23.0	1
1970	40.0	6	39.0	6	37.0	6	35.0	6	32.0	6	26.0	6	21.0	6	18.0	6	15.0	6
1971	49.0	5	48.0	5	46.0	4	45.0	3	42.0	3	33.0	4	28.0	4	23.0	4	18.0	5

10347600 HUNTER CREEK NEAR RENO, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
5.85	5.88	6.15	7.37	6.99	6.50	9.78	23.5	28.5	14.7	7.86	6.33
1.37	1.40	5.64	6.48	7.44	1.37	8.94	91.9	206	61.3	6.39	2.07
1.17	1.18	2.37	2.54	2.73	1.17	2.99	9.59	14.3	7.83	2.53	1.44
-0.18	-0.26	1.86	1.00	2.31	-0.11	0.92	0.99	-0.13	0.37	-0.04	-0.40
0.20	0.20	0.39	0.35	0.39	0.18	0.31	0.41	0.50	0.53	0.32	0.23
4.52	4.54	4.75	5.69	5.40	5.02	7.55	18.2	22.0	11.3	6.07	4.89

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
10.8	9.25	3.04	-0.21	0.28	-0.850

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.76	0.76	0.76	0.84	0.82	0.81	0.97	1.34	1.39	1.10	0.87	0.79
0.01	0.01	0.02	0.02	0.02	0.01	0.02	0.03	0.07	0.07	0.02	0.01
0.09	0.09	0.15	0.15	0.14	0.08	0.13	0.17	0.27	0.26	0.15	0.11
-0.44	-0.55	0.43	-0.16	1.46	-0.85	0.34	0.41	-0.68	-0.23	-0.28	-0.55
0.12	0.12	0.20	0.18	0.17	0.10	0.13	0.13	0.19	0.23	0.17	0.13
6.75	6.78	6.81	7.52	7.32	7.18	8.67	11.9	12.4	9.83	7.78	7.04

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.02	0.02	0.13	-0.35	0.13	-0.820

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	23.0	1965	117.0	1968	26.0	1971	65.0
1963	986.0	1966	22.0	1969	69.0	1973	120.0
1964	35.0	1967	77.0	1970	47.0	1974	37.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.7986	1.7986
STANDARD DEVIATION	0.4542	0.4542
SKEW COEFFICIENTS		
STATION	1.7282	1.7282
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	19.1	4.7	2.5	1.0	10.5
0.9900	19.4	6.0	3.6	1.5	12.6
0.9500	21.1	11.6	9.2	3.9	21.6
0.9000	23.0	16.7	14.2	6.5	29.3
0.8000	27.1	26.0	23.9	12.1	43.4
0.5000	47.3	61.8	61.8	36.3	104.8
0.2000	124.8	150.8	165.0	90.3	321.9
0.1000	250.7	242.9	289.6	137.7	625.8
0.0400	616.8	406.6	542.5	211.5	1319.8
0.0200	1206.4	569.7	882.1	277.5	2170.1
0.0100	2345.5	773.7	1395.5	353.6	3422.6

10348000 TRUCKEE RIVER AT RENO, NV

LOCATION.--Lat 39°31'55", long 119°47'05", in NW¼ sec.7, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank 400 ft (120 m) downstream from Kietzke Lane bridge, 0.5 mi (0.8 km) downstream from Scott Island, 1.5 mi (2.4 km) east of Reno Post Office, and 5 mi (8 km) upstream from Steamboat Creek.

DRAINAGE AREA.--1,067 mi^2 (2,764 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Martis Creek Lake, Prosser Creek, Stampede and Boca Reservoirs, Donner and Independence Lakes, and by several powerplants. Many diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
																NUMBER OF DAYS IN CLASS																					
1913									6	4	5	3	1	6	12	23	25	31	74	73	16	26	13	21	21	5									
1914														2	7	13	20	36	62	26	2	41	11	11	14	34	21	20	32	10	3				
1915											1		2	8	16	26	18	8	34	58	20	77	15	25	12	19	18	5	2	1					
1916															12	8	6	50	35	52	35	22	15	23	9	16	34	26	21	2					
1917																	12	29	15	75	88	19	30	12	12	17	28	17	11						
1918														2	4	10	19	47	30	96	53	27	35	12	10	14	6								
1919															10	20	30	31	52	88	48	17	2	6	8	14	17	7	14	1					
1931		5	1	6	1	8	26	13	9	18	14	11	35	52	62	22	21	18	15	18	5	4	1												
1932							1	1	8	12	38	21	14	27	5	18	29	49	26	6	3	3	10	28	29	27	7	4							
1933								11	16	33	30	36	59	29	32	18	19	18	8	14	9	9	4	8	9	3									
1934								3	14	13	11	16	33	43	41	34	45	53	18	12	10	11	4	1	1	2									
1947																15	77	40	20	19	152	30	8	2	2									
1948																	51	55	49	71	87	19	13	13	5	3								
1949														5	20	15	72	25	52	73	56	13	21	10	3									
1950													1	8	24	4	83	39	29	13	56	17	17	26	11	21	15	1							
1951															2	11	44	52	8	14	17	21	51	52	13	22	30	13	4	6	2	2			1
1952																	4	40	25	21	43	31	13	16	19	33	38	12	15	14	39	3			
1953																		15	76	28	36	68	24	28	36	40	5	6	3						
1954															2	29	67	26	16	21	129	40	11	15	7		1	1							
1955															14	59	27	50	18	74	90	22	10	1											
1956																21	44	25	37	31	9	10	16	19	28	53	40	21	7	1	1	1	1		1
1957															2	9	57	14	18	11	80	96	25	19	7	19	4	3	1						
1958																	19	22	31	34	104	53	12	4	6	16	3	10	17	23	11				
1959															1	17	84	46	29	34	122	29	2	1											
1960																7	65	61	55	103	31	25	13	4	1	1									
1961										3	4	5	9	11	17	90	49	74	72	26	4	1												
1962										5	7	11	25	31	38	37	81	14	18	6	11	12	25	16	15	12	1							
1963																	65	47	42	33	42	29	23	22	17	13	11	12	4	2	1	1		1
1964																9	29	85	38	92	51	16	29	16	1									
1965															1	15	9	44	70	18	19	24	21	46	36	37	10	5	3	2	3	1	1		
1966																1	23	76	36	45	60	42	40	15	14	4	9							
1967														1	2	1	10	17	44	53	67	48	17	11	9	9	8	12	25	22	9			
1968																		64	54	49	81	71	22	10	7	5	3							
1969																	2	71	33	45	39	5	2	8	5	22	31	10	63	27	2			
1970																		21	61	85	22	28	23	39	18	31	13	13	5	4	2			
1971																		21	10	49	63	51	40	51	22	16	27	15						
1972																7	36	49	21	43	64	33	44	66	3									
1973																		17	10	29	156	73	36	31	8	5								
1974																			6	37	79	49	38	25	29	47	45	8	2					
1975																		1	3	22	58	136	35	59	6	7	7	21	10					
1976																			1	62	170	77	41	15										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	14975	100.0	12	50.0	179	14545	97.1	24	1100	453	2134	14.2
1	3.00	5	14975	100.0	13	65.0	225	14366	95.9	25	1400	567	1681	11.2
2	3.90	1	14970	100.0	14	84.0	324	14141	94.4	26	1800	432	1114	7.4
3	5.00	6	14969	100.0	15	110.0	539	13817	92.3	27	2300	242	682	4.5
4	6.50	1	14963	99.9	16	140.0	1242	13278	88.7	28	3000	239	440	2.9
5	8.40	8	14962	99.9	17	180.0	1481	12036	80.4	29	3900	115	201	1.3
6	11.00	27	14954	99.9	18	230.0	1351	10555	70.5	30	5100	73	86	.5
7	14.00	28	14927	99.7	19	300.0	1759	9204	61.5	31	6500	8	13	
8	18.00	53	14899	99.5	20	390.0	2287	7445	49.7	32	8400	2	5	
9	23.00	88	14846	99.1	21	500.0	1425	5158	34.4	33	11000	1	3	
10	30.00	110	14758	98.6	22	650.0	812	3733	24.9	34	14000	2	2	
11	39.00	103	14648	97.8	23	840.0	787	2921	19.5					

10348000 TRUCKEE RIVER AT RENO, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1913	18.00 3	19.00 3	22.00 3	25.00 3	50.00 5	100.00 7	139.00 9	134.00 7	192.00 9
1914	19.00 5	20.00 4	25.00 4	45.00 6	68.00 6	140.00 10	166.00 14	168.00 13	200.00 12
1915	109.00 20	116.00 18	123.00 13	129.00 14	145.00 16	185.00 25	212.00 27	268.00 30	352.00 33
1916	36.00 7	51.00 7	74.00 8	86.00 9	100.00 9	116.00 8	125.00 7	139.00 8	211.00 14
1917	129.00 26	146.00 27	166.00 30	186.00 30	200.00 31	226.00 31	252.00 32	291.00 33	333.00 28
1918	99.00 13	116.00 19	129.00 20	131.00 15	145.00 17	160.00 17	181.00 19	206.00 21	267.00 20
1919	76.00 11	84.00 10	143.00 25	189.00 31	234.00 33	262.00 35	266.00 34	274.00 31	285.00 22
1931	52.00 8	56.00 8	59.00 7	60.00 7	68.00 7	74.00 5	81.00 5	90.00 5	96.00 5
1932	3.00 1	3.00 1	5.70 1	7.80 1	10.00 1	12.00 1	16.00 1	19.00 1	29.00 1
1933	18.00 4	22.00 5	31.00 6	32.00 5	34.00 4	39.00 3	40.00 3	42.00 2	51.00 2
1934	15.00 2	16.00 2	17.00 2	18.00 2	19.00 2	21.00 2	25.00 2	42.00 3	67.00 3
1947	151.00 30	155.00 29	159.00 28	161.00 26	176.00 27	199.00 27	201.00 25	242.00 26	314.00 26
1948	124.00 25	130.00 25	136.00 23	141.00 21	146.00 19	148.00 12	155.00 12	165.00 11	215.00 15
1949	150.00 28	154.00 28	156.00 27	164.00 27	168.00 24	175.00 22	180.00 17	188.00 17	230.00 17
1950	63.00 9	72.00 9	79.00 9	82.00 8	90.00 8	96.00 6	109.00 6	124.00 6	137.00 6
1951	145.00 27	146.00 26	148.00 26	150.00 24	161.00 23	163.00 19	193.00 23	206.00 22	474.00 38
1952	106.00 17	108.00 15	117.00 11	128.00 12	140.00 12	158.00 16	170.00 15	193.00 18	305.00 24
1953	178.00 33	178.00 32	180.00 32	183.00 29	196.00 29	243.00 32	249.00 31	279.00 32	401.00 34
1954	214.00 39	220.00 38	232.00 37	241.00 38	253.00 36	260.00 34	273.00 35	307.00 35	345.00 31
1955	101.00 15	107.00 14	123.00 14	131.00 16	137.00 11	140.00 11	145.00 10	151.00 10	183.00 7
1956	99.00 14	100.00 12	101.00 10	104.00 10	111.00 10	131.00 9	134.00 8	148.00 9	198.00 11
1957	118.00 23	124.00 23	134.00 22	134.00 19	142.00 13	167.00 20	188.00 21	242.00 27	343.00 30
1958	95.00 12	105.00 13	139.00 24	142.00 22	151.00 20	155.00 15	181.00 18	222.00 24	304.00 23
1959	151.00 29	157.00 30	164.00 29	165.00 28	184.00 28	217.00 28	239.00 30	267.00 29	331.00 27
1960	108.00 18	115.00 17	123.00 15	133.00 17	145.00 18	153.00 14	158.00 13	168.00 12	186.00 8
1961	112.00 21	120.00 21	124.00 16	128.00 13	142.00 14	161.00 18	174.00 16	174.00 14	193.00 10
1962	24.00 6	25.00 6	28.00 5	28.00 4	34.00 3	48.00 4	57.00 4	62.00 4	76.00 4
1963	108.00 19	113.00 16	124.00 17	134.00 18	142.00 15	149.00 13	152.00 11	186.00 16	313.00 25
1964	116.00 22	120.00 22	128.00 19	150.00 25	174.00 25	186.00 26	191.00 22	195.00 19	269.00 21
1965	105.00 16	117.00 20	127.00 18	127.00 11	151.00 21	178.00 23	183.00 20	183.00 15	205.00 13
1966	177.00 32	190.00 35	195.00 35	213.00 35	238.00 35	281.00 36	289.00 36	314.00 36	487.00 40
1967	68.00 10	86.00 11	122.00 12	149.00 23	174.00 26	183.00 24	194.00 24	206.00 20	226.00 16
1968	196.00 37	216.00 37	235.00 38	240.00 37	265.00 37	319.00 38	364.00 38	396.00 38	421.00 35
1969	186.00 36	191.00 36	193.00 34	209.00 34	214.00 32	222.00 30	224.00 28	227.00 25	262.00 18
1970	179.00 34	182.00 33	184.00 33	190.00 32	197.00 30	217.00 29	224.00 29	255.00 28	334.00 29
1971	184.00 35	189.00 34	196.00 36	221.00 36	237.00 34	244.00 33	264.00 33	296.00 34	347.00 32
1972	162.00 31	167.00 31	179.00 31	200.00 33	268.00 38	318.00 37	360.00 37	382.00 37	499.00 41
1973	123.00 24	125.00 24	131.00 21	138.00 20	151.00 22	175.00 21	206.00 26	212.00 23	265.00 19
1974	328.00 41	332.00 41	351.00 41	354.00 41	374.00 40	415.00 41	434.00 41	445.00 41	478.00 39
1975	243.00 40	258.00 39	281.00 39	300.00 39	329.00 39	361.00 39	408.00 39	438.00 40	467.00 37
1976	208.00 38	271.00 40	321.00 40	353.00 40	391.00 41	412.00 40	418.00 40	426.00 39	455.00 36

10348000 TRUCKEE RIVER AT RENO, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1913	1520.0 30	1390.0 30	1350.0 27	1260.0 26	1120.0 25	976.0 25	821.0 27	695.0 27	584.0 27
1914	5590.0 8	4860.0 10	4580.0 10	4170.0 7	3440.0 6	3350.0 5	2860.0 5	2560.0 4	1960.0 3
1915	3900.0 13	3610.0 13	2860.0 16	2100.0 18	1880.0 18	1730.0 16	1490.0 16	1250.0 17	950.0 18
1916	5020.0 11	4140.0 11	3480.0 12	3310.0 11	3160.0 7	2800.0 6	2430.0 6	2190.0 6	1650.0 7
1917	3680.0 14	3460.0 14	3100.0 14	2970.0 14	2540.0 13	2290.0 9	2030.0 8	1710.0 9	1300.0 12
1918	2040.0 24	1970.0 22	1760.0 23	1600.0 23	1510.0 21	1150.0 21	974.0 22	856.0 22	702.0 23
1919	4060.0 12	3930.0 12	3700.0 11	3310.0 12	2840.0 10	2260.0 10	1710.0 13	1380.0 14	1020.0 17
1931	759.0 40	621.0 40	564.0 40	418.0 40	336.0 40	284.0 40	241.0 40	206.0 41	162.0 41
1932	2590.0 21	2520.0 20	2380.0 19	2040.0 19	1650.0 20	1440.0 20	1370.0 18	1180.0 18	844.0 20
1933	1490.0 31	1440.0 29	1240.0 28	1120.0 28	953.0 28	618.0 34	514.0 34	417.0 38	304.0 38
1934	1790.0 27	1500.0 28	1090.0 31	827.0 35	639.0 35	455.0 38	356.0 39	296.0 39	234.0 39
1947	1370.0 33	959.0 36	753.0 37	586.0 38	522.0 39	487.0 37	483.0 37	482.0 34	460.0 34
1948	1480.0 32	1370.0 31	1220.0 29	1080.0 29	905.0 29	697.0 32	584.0 32	510.0 33	470.0 32
1949	1200.0 34	1170.0 32	1000.0 33	916.0 33	814.0 34	689.0 33	568.0 33	527.0 32	470.0 33
1950	2370.0 22	2200.0 21	2160.0 21	1980.0 20	1710.0 19	1530.0 18	1280.0 19	1080.0 20	859.0 19
1951	14100.0 2	9290.0 2	5910.0 4	4050.0 8	3820.0 5	2800.0 7	2430.0 7	2000.0 7	1580.0 8
1952	7630.0 5	7180.0 5	6550.0 2	6000.0 1	5750.0 1	5260.0 1	4410.0 1	3740.0 1	2990.0 1
1953	3160.0 16	3050.0 16	2970.0 15	2420.0 15	1950.0 17	1610.0 17	1400.0 17	1170.0 19	1110.0 15
1954	2720.0 20	1890.0 25	1170.0 30	1040.0 30	852.0 32	730.0 31	705.0 29	632.0 29	560.0 28
1955	874.0 39	795.0 38	752.0 38	675.0 37	568.0 37	437.0 39	430.0 38	423.0 37	415.0 37
1956	16200.0 1	11300.0 1	7170.0 1	4260.0 5	2750.0 12	2220.0 11	1990.0 9	1870.0 8	1850.0 5
1957	3000.0 18	2630.0 19	2220.0 20	1860.0 21	1410.0 22	1030.0 24	1020.0 21	949.0 21	790.0 21
1958	5750.0 7	5670.0 7	5540.0 7	5130.0 3	4860.0 2	4100.0 2	3200.0 3	2550.0 5	1850.0 6
1959	879.0 38	715.0 39	613.0 39	565.0 39	531.0 38	496.0 36	485.0 36	478.0 35	451.0 35
1960	1780.0 28	1150.0 33	806.0 36	687.0 36	587.0 36	531.0 35	492.0 35	475.0 36	421.0 36
1961	505.0 41	450.0 41	334.0 41	310.0 41	292.0 41	255.0 41	240.0 41	226.0 40	220.0 40
1962	1830.0 26	1700.0 26	1620.0 25	1370.0 25	1330.0 23	1080.0 22	922.0 23	748.0 26	556.0 30
1963	11500.0 3	8020.0 3	5600.0 5	3590.0 10	2160.0 15	1490.0 19	1250.0 20	1280.0 16	1060.0 16
1964	1180.0 35	1030.0 35	866.0 34	956.0 32	868.0 31	744.0 30	632.0 31	550.0 31	485.0 31
1965	9400.0 4	7490.0 4	6060.0 3	4180.0 6	2800.0 11	2060.0 13	1550.0 15	1380.0 15	1400.0 10
1966	1900.0 25	1900.0 24	1890.0 22	1740.0 22	1230.0 24	1060.0 23	862.0 24	766.0 24	707.0 22
1967	6200.0 6	5920.0 6	5550.0 6	5190.0 2	4520.0 3	4010.0 3	3050.0 4	2610.0 3	1930.0 4
1968	2040.0 23	1950.0 23	1710.0 24	1470.0 24	1090.0 26	848.0 27	734.0 28	669.0 28	602.0 26
1969	5140.0 10	5100.0 8	4910.0 8	4320.0 4	3940.0 4	3760.0 4	3720.0 2	3350.0 2	2680.0 2
1970	5470.0 9	4990.0 9	4600.0 9	3760.0 9	2930.0 8	2360.0 8	1860.0 10	1560.0 11	1330.0 11
1971	2790.0 19	2740.0 18	2630.0 18	2410.0 16	2170.0 14	2010.0 14	1630.0 14	1440.0 13	1220.0 13
1972	1180.0 36	1110.0 34	1040.0 32	986.0 31	889.0 30	834.0 28	825.0 26	768.0 23	653.0 25
1973	1580.0 29	1540.0 27	1480.0 26	1230.0 27	1040.0 27	948.0 26	837.0 25	754.0 25	679.0 24
1974	3110.0 17	2970.0 17	2640.0 17	2310.0 17	2040.0 16	1940.0 15	1860.0 11	1670.0 10	1440.0 9
1975	3390.0 15	3310.0 15	3250.0 13	2980.0 13	2840.0 9	2160.0 12	1710.0 12	1510.0 12	1220.0 14
1976	934.0 37	900.0 37	890.0 35	867.0 34	819.0 33	750.0 29	681.0 30	622.0 30	557.0 29

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
267	387	526	601	669	756	1153	1430	1000	346	227	222
24720	87510	291200	187000	297400	276300	957500	1455000	854300	87880	18750	15830
157	296	540	432	545	526	979	1206	924	296	137	126
1.04	3.95	3.22	1.39	1.77	1.47	1.46	1.78	1.52	1.77	2.25	1.62
0.59	0.77	1.03	0.72	0.82	0.70	0.85	0.84	0.92	0.86	0.60	0.57
3.52	5.10	6.94	7.92	8.82	9.97	15.2	18.9	13.2	4.56	2.99	2.92

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
636	131600	363	0.93	0.57	0.156

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.34	2.49	2.58	2.67	2.71	2.79	2.92	3.01	2.81	2.40	2.28	2.27
0.10	0.10	0.12	0.12	0.10	0.08	0.12	0.14	0.20	0.13	0.09	0.09
0.32	0.32	0.35	0.34	0.32	0.28	0.35	0.38	0.45	0.36	0.29	0.30
-0.99	-1.04	-0.24	-0.61	0.03	0.16	0.17	-0.43	-0.49	-0.41	-1.91	-1.45
0.14	0.13	0.14	0.13	0.12	0.10	0.12	0.12	0.16	0.15	0.13	0.13
7.47	7.96	8.26	8.52	8.67	8.92	9.35	9.63	8.98	7.68	7.29	7.25

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.73	0.07	0.27	-0.47	0.10	0.311

10348000 TRUCKEE RIVER AT RENO, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1907	14600.0	1920	2070.0	1952	7950.0	1965	11300.0
1908	1660.0	1921	2200.0	1953	3430.0	1966	1940.0
1909	8540.0	1925	1200.0	1954	3700.0	1967	6800.0
1910	3360.0	1926	1647.0	1955	1020.0	1968	2330.0
1911	6060.0	1931	759.0	1956	20800.0	1969	5420.0
1912	1570.0	1932	2590.0	1957	4100.0	1970	7400.0
1913	1520.0	1933	1480.0	1958	6090.0	1971	3230.0
1914	7520.0	1934	1790.0	1959	1050.0	1972	1280.0
1915	3900.0	1947	1840.0	1960	2620.0	1973	1820.0
1916	5020.0	1948	1700.0	1961	661.0	1974	3590.0
1917	3680.0	1949	1510.0	1962	2060.0	1975	3750.0
1918	2040.0	1950	2620.0	1963	18400.0	1976	1410.0
1919	4060.0	1951	19900.0	1964	1960.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4877	3.4877
STANDARD DEVIATION	0.3609	0.3609
SKEW COEFFICIENTS		
STATION	0.5856	0.5856
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.2683 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	51	51
PERIOD (YEARS)	51	51

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	569.1	445.6	402.8	288.9	617.5
0.9900	638.6	524.6	485.2	349.7	713.3
0.9500	911.8	837.2	808.1	602.2	1082.7
0.9000	1131.5	1088.4	1059.3	814.0	1373.7
0.8000	1507.9	1514.3	1493.1	1182.1	1865.1
0.5000	2835.9	2962.2	2962.2	2436.9	3593.2
0.2000	5980.8	6107.1	6212.3	4965.1	7804.1
0.1000	9267.3	9107.3	9434.3	7186.0	12261.1
0.0400	15348.6	14178.8	15059.3	10708.8	20438.9
0.0200	21714.7	19046.3	20892.1	13919.2	28844.2
0.0100	30096.9	24991.7	28218.3	17687.9	39675.9

10348500 FRANKTOWN CREEK AT FRANKTOWN, NV

LOCATION.--Lat 39°16', long 119°51', in sec.9, T.16 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on right bank, 0.5 mi (0.8 km) west of Franktown, and 3 mi (5 km) upstream from Washoe Lake.

DRAINAGE AREA.--14 mi^2 (36 km^2), approximately.

REMARKS.--Small diversions on tributaries above station for irrigation. During summer, flow sometimes supplemented by diversion from North Creek, a tributary to Lake Tahoe.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1949		1	1					2	22	14	37	8	16	40	39	48	32	10	19	5	10	10	16	7	10	5	8	3	2					
1950									1		1	5	3	31	39	30	44	16	20	21	22	20	12	19	25	18	12	17	6	3					
1952																	1	3	59	62	75	16	14	21	17	12	13	4	13	7	26	21	2		
1953														2	5	5	18	21	54	22	61	29	36	30	39	26	11	4	1		1				
1954											17	25	35	3	7	14	44	43	36	22	48	16	15	19	17	1	1	1			1				
1955									17	11	16	9	28	14	17	33	66	25	19	13	26	21	29	14	6	1									
1958									1		1	5	3	31	39	30	44	16	20	21	22	20	12	19	25	18	12	17	6	3					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2556	100.0	12	2.4	85	2362	92.4	24	24	139	415	16.2
1	0.20	1	2556	100.0	13	2.9	121	2277	89.1	25	29	81	276	10.7
2	0.30	1	2555	100.0	14	3.5	146	2156	84.4	26	35	57	195	7.6
3	0.40	0	2554	99.9	15	4.3	160	2010	78.6	27	43	46	138	5.3
4	0.50	0	2554	99.9	16	5.2	249	1850	72.4	28	52	28	92	3.5
5	0.60	0	2554	99.9	17	6.3	134	1601	62.6	29	62	13	64	2.5
6	0.80	0	2554	99.9	18	7.6	227	1467	57.4	30	76	28	51	1.9
7	0.90	2	2554	99.9	19	9.2	166	1240	48.5	31	92	21	23	.8
8	1.10	41	2552	99.8	20	11.0	264	1074	42.0	32	110	2	2	
9	1.40	25	2511	98.2	21	14.0	132	810	31.7	33				
10	1.60	72	2486	97.3	22	16.0	134	678	26.5	34				
11	2.00	52	2414	94.4	23	20.0	129	544	21.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1949	0.21	1	0.87	1	1.10	1	1.20	1	1.40	2	1.80	2	2.10	2	2.60	3	3.10	2
1950	1.00	2	1.10	2	1.10	2	1.20	2	1.30	1	1.40	1	1.60	1	2.00	1	2.80	1
1953	6.10	5	7.10	5	7.60	5	7.90	5	8.20	5	8.50	5	9.40	5	10.00	5	13.00	5
1954	3.40	4	3.50	4	3.60	4	4.10	4	4.80	4	5.80	4	6.10	4	6.20	4	6.70	4
1955	1.60	3	1.70	3	1.80	3	2.00	3	2.00	3	2.10	3	2.30	3	2.60	2	3.70	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1949	59.0	6	55.0	5	46.0	5	39.0	5	32.0	5	26.0	5	20.0	5	17.0	6	13.0	6
1950	68.0	5	64.0	3	58.0	3	49.0	3	42.0	3	40.0	3	35.0	3	31.0	5	24.0	3
1952	119.0	1	112.0	1	102.0	1	95.0	1	95.0	1	87.0	1	73.0	1	61.0	1	45.0	1
1953	87.0	2	59.0	4	50.0	4	40.0	4	33.0	4	31.0	4	28.0	4	25.0	4	23.0	4
1954	84.0	3	51.0	6	32.0	6	26.0	6	24.0	6	20.0	6	19.0	6	17.0	5	14.0	5
1955	31.0	7	25.0	7	25.0	7	22.0	7	20.0	7	18.0	7	17.0	7	15.0	7	12.0	7
1958	68.0	4	64.0	2	58.0	2	49.0	2	42.0	2	40.0	2	35.0	2	31.0	2	24.0	2

10348500 FRANKTOWN CREEK AT FRANKTOWN, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.74	6.67	6.92	10.1	10.2	12.9	24.8	35.4	25.1	10.7	5.19	4.96
10.0	6.31	9.33	92.3	14.4	10.3	92.3	640	372	69.9	19.5	11.6
3.16	2.51	3.05	6.51	3.79	3.21	9.61	25.3	19.3	8.36	4.42	3.41
0.36	0.58	0.93	2.00	-0.12	-1.30	0.19	2.30	2.12	1.60	1.46	0.92
0.55	0.41	0.44	0.64	0.37	0.25	0.42	0.71	0.77	0.78	0.85	0.69
3.52	3.72	4.24	6.21	6.25	7.90	18.3	21.7	15.4	6.56	3.16	3.04

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14.0	49.4	7.03	1.39	0.50	0.318

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.70	0.75	0.81	0.95	0.98	1.10	1.45	1.48	1.31	0.92	0.58	0.60
0.06	0.03	0.03	0.06	0.04	0.02	0.02	0.06	0.06	0.12	0.13	0.10
0.25	0.14	0.18	0.24	0.19	0.13	0.15	0.24	0.27	0.34	0.37	0.32
0.18	0.25	0.64	0.66	-1.15	-1.65	-0.39	1.44	0.82	0.06	0.22	-0.02
0.46	0.24	0.22	0.25	0.19	0.12	0.10	0.16	0.21	0.37	0.65	0.54
6.01	6.47	6.94	8.14	8.41	9.43	12.5	12.8	11.3	7.88	5.00	5.14

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.10	0.04	0.20	0.53	0.18	0.161

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1948	65.0	1950	165.0	1952	164.0	1954	130.0
1949	81.0	1951	800.0	1953	188.0	1955	44.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.1360	2.1360
STANDARD DEVIATION	0.3817	0.3817
SKEW COEFFICIENTS		
STATION	0.9933	0.9933
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	8	8
PERIOD (YEARS)	8	8

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	31.5	15.4	6.3	2.5	34.2
0.9900	33.7	18.9	9.4	3.5	39.8
0.9500	42.9	33.1	24.4	9.0	61.5
0.9000	50.7	44.8	36.6	14.9	78.9
0.8000	64.7	65.0	58.4	27.1	109.4
0.5000	118.5	134.8	134.8	76.0	237.3
0.2000	266.4	285.3	320.4	169.6	682.2
0.1000	444.2	425.7	532.1	241.1	1294.7
0.0400	822.3	656.4	991.5	342.3	2667.9
0.0200	1273.8	871.3	1605.9	426.3	4323.6
0.0100	1940.7	1126.8	2599.9	518.1	6731.4

10348900 GALENA CREEK NEAR STEAMBOAT, NV

LOCATION.--Lat 39°21'45", long 119°49'30", in SW¼SW¼ sec.2, T.17 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on right bank 1 mi (2 km) upstream from Jones Creek, 3.5 mi (5.6 km) upstream from mouth, 4.5 mi (7.2 km) west-southwest of Steamboat, and 12 mi (19 km) south of Reno.

DRAINAGE AREA.--8.5 mi^2 (22.0 km^2), approximately.

REMARKS.--Two small diversions above station, one for irrigation and one diverts to Little Washoe Lake during winter months.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
													NUMBER OF DAYS IN CLASS																							
1962		17	19	22	12	35	15	10	7	11	11	7	1	29	39	14	31	17	22	13	9	8	7	8	1										
1963						4	5	35	50	37	15	21	4	6	13	13	34	17	30	19	20	16	19	4				1	1						
1964		3	8	31	25	16	9	20	17	16	10	2		4	43	62	22	16	15	21	14	12													
1965					1		1	2	6	13	25	54	8	34	37	24	7	13	27	12	22	29	26	15	4	2	1	1			1				
1966		1	1	1	1	2		12	34	35	25	9	6	12	44	30	52	51	27	17	4	1													
1967		20	9	8	27	23	12	11	13	13	11	10	4	5	26	12	22	13	15	11	13	14	9	6	5	9	18	16	4	3	2	1			
1968								3	8	12	8	14	18	32	58	35	77	41	23	12	18	7													
1969								4	14	9	28	34	33	35	23	3	16	40	21	12	14	19	20	20	12	8									
1970						2	12	11	4		16	33	3	4	6	16	34	98	49	17	7	17	15	5	7	7	2								
1971									1	18	66	31	13	2	3	39	30	64	16	15	17	21	10	8	9	2									
1972	6			3	1	3	9	21	39	41	11	4	7	5	11	31	35	54	20	12	11	26	5	2	5	3	1								
1973	13			20	13	9	55	18	8	4	2	1	5	4	4	43	43	10	22	28	17	15	11	6	9	5									
1974	1			1	5	6	23	14	19	27	26	10	6	19	3	25	38	31	10	5	23	12	13	29	19	1									
1975							22	2	19	40	57	23	21		2		23	12	19	23	20	21	19	32	3	3	3	1							
1976								1	34	88	12	4	1	17	45	27	23	34	24	36	14	6													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	20	5479	100.0	12	2.7	124	3509	64.0	24	45	43	118	2.1
1	0.10	41	5459	99.6	13	3.4	231	3385	61.8	25	56	25	75	1.3
2	0.20	61	5418	98.9	14	4.3	464	3154	57.6	26	71	20	50	.9
3	0.30	81	5357	97.8	15	5.4	419	2690	49.1	27	90	18	30	.5
4	0.40	86	5276	96.3	16	6.8	564	2271	41.4	28	110	5	12	.2
5	0.50	201	5190	94.7	17	8.6	368	1707	31.2	29	140	3	7	.1
6	0.70	109	4989	91.1	18	11.0	316	1339	24.4	30	180	2	4	
7	0.80	221	4880	89.1	19	14.0	226	1023	18.7	31	230	2	2	
8	1.00	367	4659	85.0	20	17.0	232	797	14.5	32				
9	1.30	336	4292	78.3	21	22.0	179	565	10.3	33				
10	1.70	240	3956	72.2	22	28.0	163	386	7.0	34				
11	2.10	207	3716	67.8	23	35.0	105	223	4.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1963	0.51 10	0.57 9	0.73 10	0.79 8	0.85 8	1.00 8	1.10 7	2.10 10	3.40 9
1964	0.10 4	0.17 4	0.24 4	0.31 3	0.42 3	0.55 3	0.68 2	0.71 2	1.80 1
1965	0.40 8	0.60 10	0.71 9	1.40 14	1.80 14	2.70 14	3.30 13	3.80 13	4.70 12
1966	0.10 5	0.20 5	0.44 6	0.97 10	1.00 9	1.20 9	1.30 8	1.40 7	3.80 11
1967	0.10 6	0.10 3	0.10 2	0.11 2	0.15 1	0.41 2	1.50 9	1.50 8	2.70 5
1968	0.80 12	0.97 13	1.10 14	1.30 13	1.60 13	2.10 13	3.90 14	5.00 14	5.40 14
1969	0.80 13	0.87 12	0.94 12	1.00 11	1.30 11	1.60 11	2.20 12	2.30 11	2.90 8
1970	0.40 7	0.43 7	0.47 7	0.54 6	0.66 6	1.60 12	2.10 11	3.00 12	4.90 13
1971	0.80 14	1.00 14	1.10 13	1.20 12	1.40 12	1.50 10	1.60 10	1.70 9	2.80 6
1972	0.00 1	0.00 1	0.19 3	0.38 5	0.71 7	0.82 4	0.80 3	0.86 3	2.90 7
1973	0.00 2	0.00 2	0.00 1	0.01 1	0.17 2	0.29 1	0.45 1	0.51 1	1.90 2
1974	0.00 3	0.27 6	0.31 5	0.37 4	0.62 4	0.92 6	1.10 4	1.20 5	2.00 3
1975	0.51 9	0.60 8	0.51 8	0.56 7	0.66 5	0.90 5	1.10 5	1.20 6	2.30 4
1976	0.71 11	0.77 11	0.89 11	0.92 9	1.00 10	1.00 7	1.10 6	1.10 4	3.50 10

10348900 GALENA CREEK NEAR STEAMBOAT, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1962	49.0 10	45.0 10	40.0 11	37.0 8	30.0 9	21.0 11	17.0 11	15.0 11	11.0 10
1963	130.0 3	89.0 3	49.0 7	30.0 11	24.0 11	22.0 10	20.0 8	18.0 8	14.0 7
1964	26.0 12	25.0 13	25.0 12	22.0 12	20.0 12	17.0 12	14.0 12	12.0 12	9.5 12
1965	250.0 1	112.0 2	73.0 2	46.0 4	36.0 5	31.0 5	30.0 3	28.0 3	21.0 3
1966	24.0 14	18.0 14	17.0 15	16.0 15	14.0 15	12.0 14	11.0 14	9.5 14	8.1 14
1967	230.0 2	222.0 1	182.0 1	138.0 1	113.0 1	90.0 1	68.0 1	55.0 1	38.0 1
1968	26.0 13	26.0 12	25.0 13	22.0 13	19.0 13	15.0 13	13.0 13	11.0 13	9.2 13
1969	69.0 5	62.0 5	61.0 3	56.0 2	47.0 2	39.0 2	34.0 2	30.0 2	23.0 2
1970	61.0 6	58.0 6	55.0 4	48.0 3	37.0 3	29.0 6	23.0 6	19.0 6	15.0 6
1971	49.0 11	47.0 9	41.0 9	37.0 9	32.0 8	25.0 8	20.0 9	17.0 9	13.0 8
1972	59.0 7	55.0 7	49.0 5	38.0 7	28.0 10	22.0 9	18.0 10	15.0 10	11.0 11
1973	53.0 8	51.0 8	46.0 8	36.0 10	34.0 7	26.0 7	21.0 7	18.0 7	13.0 9
1974	53.0 9	42.0 11	40.0 10	34.0 6	35.0 6	33.0 3	28.0 4	24.0 4	18.0 4
1975	80.0 4	63.0 4	49.0 6	45.0 5	37.0 4	32.0 4	27.0 5	24.0 5	17.0 5
1976	19.0 15	18.0 15	17.0 14	16.0 14	14.0 14	11.0 15	9.7 15	8.4 15	6.8 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.67	3.04	2.27	2.42	1.97	2.22	6.24	19.7	30.6	17.3	10.1	6.83
4.41	4.11	9.61	3.79	5.97	3.33	11.4	50.4	578	200	44.2	5.02
2.10	2.03	3.10	1.95	2.44	1.83	3.38	7.10	24.0	14.1	6.65	2.24
0.60	0.26	2.34	1.24	3.06	2.31	0.33	0.38	2.62	2.09	1.89	0.77
0.32	0.67	1.37	0.81	1.24	0.82	0.54	0.36	0.79	0.82	0.66	0.33
6.10	2.78	2.08	2.21	1.80	2.03	5.70	18.0	28.0	15.8	9.28	6.25

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
9.14	14.9	3.87	1.85	0.42	-0.415

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.80	0.36	0.11	0.25	0.13	0.25	0.72	1.27	1.39	1.13	0.94	0.81
0.02	0.13	0.20	0.13	0.12	0.08	0.08	0.03	0.09	0.10	0.06	0.02
0.13	0.36	0.44	0.35	0.35	0.29	0.28	0.16	0.29	0.32	0.24	0.14
0.16	-0.51	0.80	0.07	1.22	0.75	-0.67	-0.19	-0.04	0.21	0.61	0.36
0.17	0.99	4.14	1.40	2.72	1.15	0.39	0.13	0.21	0.29	0.26	0.17
9.86	4.47	1.32	3.10	1.57	3.03	8.83	15.5	17.1	13.8	11.5	9.98

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.93	0.02	0.16	0.85	0.17	-0.504

10348900 GALENA CREEK NEAR STEAMBOAT, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1956	4730.0	1965	3670.0	1969	80.0	1973	84.0
1962	80.0	1966	292.0	1970	81.0	1974	87.0
1963	472.0	1967	400.0	1971	114.0	1975	100.0
1964	38.0	1968	47.0	1972	99.0	1976	32.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2106	2.2106
STANDARD DEVIATION	0.6401	0.6401
SKEW COEFFICIENTS		
STATION	1.4201	1.4201
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	22.6	4.2	2.2	0.7	11.4
0.9900	23.7	5.9	3.5	1.2	15.0
0.9500	29.3	15.0	11.8	4.3	32.6
0.9000	35.2	25.0	21.1	8.5	50.3
0.8000	47.7	46.7	42.8	19.3	87.9
0.5000	116.0	158.5	158.5	83.7	298.4
0.2000	457.1	557.1	612.0	296.0	1338.7
0.1000	1163.5	1090.0	1312.3	538.6	3217.5
0.0400	3757.6	2253.7	3030.9	997.4	8578.0
0.0200	5857.8	3624.4	5527.2	1476.3	16469.7
0.0100	20522.6	5579.0	10345.8	2096.9	29925.6

PYRAMID AND WINNEMUCCA LAKES BASIN

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV

LOCATION.--Lat 39°22'40", long 119°44'33", in S½ sec.33, T.18 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank 250 ft (80 m) upstream from Steamboat ditch, 0.2 mi (0.3 km) southwest of Steamboat Post Office, and 11 mi (18 km) southeast of Reno.

DRAINAGE AREA.--123 mi^2 (319 km^2).

REMARKS.--Many diversions for irrigation above station. Flow partly regulated by Washoe Lake.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1962			8	4	33	27	8	14	40	28	40	12	28	24	8	16	17	29	14	8	4		1		1			1						1	1
1963						2	6	4	9	5	52	83	43	24	34	14	23	14	13	8	6	10	8	2	1	1		1								
1964		3	16	3	21	15	4	1	4	20	71	97	39	21	13	13	7	8	5	4		1													
1965						8	21	5	3	3	25	31	12	21	25	52	25	30	28	14	20	15	8	12	3		3				1					
1966						5	10	6	2	1	3	9	21	48	43	56	30	48	34	22	23	4													
1967							3	7	3	2	19	70	43	27	28	19	11	7	14	24	15	9	10	17	10	7	16	3		1					
1968									3	4	6	11	21	64	57	34	27	24	34	25	29	24	2	1											
1969											1	8	41	27	21	20	30	48	19	5	10	7	11	20	14	25	17	27	11	3					
1970												4	28	12	12	8	40	42	48	10	19	14	12	35	21	25	38	2	3						
1971												4	36	38	28	35	15	39	36	32	27	17	24	18	16										
1972										3	24	81	78	29	23	29	25	42	24	6	1	1													
1973						3	9	7	11	6	9	26	68	66	26	34	30	14	14	13	5	9	6	7	2										
1974								2	1	5	8	4	28	64	35	47	40	30	22	26	16	10	20	6	1										
1975												4	30	79	41	46	16	14	12	33	43	15	7	9	10	6									
1976		3	19	9	17	21	13	14	13	10	15	22	53	80	23	15	20	2	6	4	6	1													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5479	100.0	12	4.7	644	4087	74.6	24	54	72	259	4.7
1	0.50	6	5479	100.0	13	5.8	517	3443	62.8	25	67	58	187	3.4
2	0.60	43	5473	99.9	14	7.1	442	2926	53.4	26	82	74	129	2.3
3	0.80	16	5430	99.1	15	8.7	397	2484	45.3	27	100	34	55	1.0
4	0.90	74	5414	98.8	16	11.0	328	2087	38.1	28	120	14	21	.3
5	1.10	87	5340	97.5	17	13.0	381	1759	32.1	29	150	4	7	.1
6	1.40	74	5253	95.9	18	16.0	347	1378	25.2	30	190		3	
7	1.70	63	5179	94.5	19	20.0	226	1031	18.8	31	230	1	3	
8	2.10	88	5116	93.4	20	24.0	194	805	14.7	32	280		2	
9	2.60	93	5028	91.8	21	30.0	136	611	11.2	33	340	1	2	
10	3.10	290	4935	90.1	22	36.0	98	475	8.7	34	420	1	1	
11	3.80	558	4645	84.8	23	44.0	118	377	6.9					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1963	0.70	2	0.70	2	0.70	2	0.84	2	0.96	2	1.10	2	2.10	2	3.60	2	3.60	2
1964	2.00	5	2.10	5	2.20	5	2.80	5	3.40	5	3.60	5	3.70	5	3.80	3	4.30	3
1965	0.51	1	0.57	1	0.60	1	0.61	1	0.75	1	0.95	1	1.10	1	1.50	1	2.60	1
1966	3.40	9	4.10	11	4.60	12	5.10	13	6.30	14	8.60	13	9.10	13	9.80	13	12.00	13
1967	1.30	4	1.30	4	1.40	4	1.50	4	1.60	4	2.60	4	3.40	4	4.30	4	5.00	4
1968	3.70	10	3.80	9	4.20	10	4.60	10	5.50	12	7.10	12	7.40	12	7.70	12	11.00	12
1969	2.30	6	2.40	6	2.60	6	3.40	6	4.40	7	5.70	10	6.10	10	6.70	10	7.10	8
1970	4.90	14	5.00	14	5.10	14	5.50	14	5.90	13	9.10	14	11.00	14	12.00	14	15.00	14
1971	4.30	13	4.30	13	4.80	13	4.90	12	5.00	11	6.50	11	6.70	11	7.50	11	8.70	11
1972	3.70	11	3.80	10	4.00	9	4.20	9	4.90	9	5.10	8	5.30	7	5.50	7	7.60	9
1973	2.80	7	2.90	7	3.20	7	3.60	7	3.90	6	4.80	6	5.50	8	5.40	6	5.70	6
1974	0.99	3	1.00	3	1.10	3	1.20	3	1.50	3	2.10	3	3.30	3	4.50	5	5.50	5
1975	3.20	8	3.60	8	4.00	8	4.20	8	4.60	8	4.90	7	5.10	6	5.60	8	6.20	7
1976	4.00	12	4.20	12	4.40	11	4.70	11	5.00	10	5.50	9	6.10	9	6.30	9	8.60	10

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1962	104.0 6	57.0 8	39.0 8	27.0 11	20.0 12	14.0 12	11.0 14	11.0 12	11.0 12
1963	473.0 1	332.0 1	175.0 1	94.0 2	51.0 5	28.0 8	20.0 9	20.0 8	18.0 8
1964	32.0 15	23.0 14	18.0 15	17.0 15	14.0 15	11.0 15	8.5 15	7.4 15	6.1 15
1965	234.0 2	139.0 3	79.0 5	45.0 7	37.0 7	29.0 6	26.0 6	24.0 6	19.0 6
1966	33.0 13	31.0 12	28.0 12	27.0 12	26.0 11	23.0 10	20.0 10	19.0 9	16.0 9
1967	175.0 4	103.0 5	97.0 4	91.0 4	80.0 3	63.0 3	49.0 3	42.0 3	31.0 3
1968	50.0 10	39.0 10	36.0 10	34.0 8	32.0 8	29.0 7	25.0 7	24.0 7	19.0 7
1969	188.0 3	140.0 2	130.0 2	125.0 1	120.0 1	107.0 1	92.0 1	82.0 1	62.0 1
1970	146.0 5	106.0 4	98.0 3	93.0 3	91.0 2	89.0 2	81.0 2	70.0 2	58.0 2
1971	65.0 7	61.0 6	59.0 6	56.0 5	52.0 4	45.0 4	39.0 4	36.0 4	29.0 4
1972	32.0 14	23.0 15	21.0 14	19.0 14	16.0 14	12.0 14	12.0 12	10.0 13	8.6 13
1973	53.0 9	48.0 9	38.0 9	34.0 9	30.0 10	21.0 11	17.0 11	15.0 11	12.0 11
1974	44.0 11	37.0 11	35.0 11	34.0 10	31.0 9	26.0 9	22.0 8	19.0 10	16.0 10
1975	59.0 8	59.0 7	54.0 7	50.0 6	43.0 6	32.0 5	27.0 5	26.0 5	20.0 5
1976	33.0 12	29.0 13	27.0 13	23.0 13	17.0 13	13.0 13	11.0 13	9.5 14	8.6 14

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
8.13	6.83	7.13	13.7	16.0	16.7	15.9	22.6	31.9	16.9	11.1	7.97
26.2	6.64	21.1	156	412	454	332	419	912	245	53.5	38.6
5.12	2.58	4.60	12.5	20.3	21.3	18.2	20.5	30.2	15.6	7.31	6.21
0.56	0.03	2.91	2.07	2.94	2.97	1.93	2.68	1.81	1.61	0.06	0.38
0.63	0.38	0.64	0.91	1.27	1.28	1.15	0.91	0.95	0.92	0.66	0.78
4.65	3.91	4.08	7.81	9.14	9.53	9.08	12.9	18.2	9.69	6.38	4.56

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
14.5	93.4	9.66	1.52	0.66	0.480

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.81	0.80	0.80	1.00	1.02	1.03	1.00	1.24	1.32	1.08	0.89	0.72
0.12	0.03	0.04	0.11	0.14	0.14	0.16	0.10	0.21	0.14	0.22	0.22
0.35	0.19	0.20	0.34	0.38	0.38	0.40	0.31	0.46	0.38	0.47	0.46
-0.84	-0.78	1.20	0.50	1.07	1.07	0.99	0.35	-0.73	0.16	-1.15	-0.41
0.43	0.23	0.25	0.33	0.37	0.37	0.39	0.25	0.35	0.35	0.53	0.65
6.88	6.84	6.84	8.59	8.69	8.82	8.59	10.6	11.3	9.20	7.57	6.13

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.09	0.07	0.26	0.35	0.24	0.338

10349300 STEAMBOAT CREEK AT STEAMBOAT, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	280.0	1966	51.0	1970	400.0	1974	121.0
1963	1000.0	1967	384.0	1971	98.0	1975	146.0
1964	52.0	1968	73.0	1972	68.0	1976	56.0
1965	510.0	1969	580.0	1973	129.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2214	2.2214
STANDARD DEVIATION	0.4288	0.4288
SKEW COEFFICIENTS		
STATION	0.3854	0.3854
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	15	15
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	18.7	14.4	9.1	4.3	28.6
0.9900	22.2	18.0	12.4	5.9	34.3
0.9500	36.8	33.8	28.5	14.1	57.6
0.9000	49.3	47.5	42.1	22.4	77.0
0.8000	71.6	72.2	67.8	39.0	111.8
0.5000	156.3	163.8	163.8	105.2	254.2
0.2000	373.2	380.3	406.7	245.8	702.0
0.1000	610.4	596.2	680.7	366.7	1273.2
0.0400	1061.4	969.8	1197.4	553.2	2478.7
0.0200	1541.6	1333.3	1810.9	718.4	3861.7
0.0100	2180.3	1780.0	2779.6	907.6	5795.6

10349700 WHITES CREEK NEAR STEAMBOAT, NV

LOCATION.--Lat 39°23'05", long 119°50'20", in SE¼NW¼ sec.34, T.18 N., R.19 E., Washoe County, Hydrologic Unit 16050102, on left bank, 4 mi (6 km) above Steamboat Ditch, 4.0 mi (6.4 km) west of Steamboat, and 10 mi (16 km) south of Reno.

DRAINAGE AREA.--8.02 mi^2 (20.77 km^2).

REMARKS.--No regulation or diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1962			6	42	91	53	21	14	10	13	30	11	21	20	6	3	2	1	3	2	2	5	2	4	2	1									
1963		2	3	2	12	63	10	11	8	26	47	45	16	4	11	8	7	6	2	3	13	18	17	10	9	6	3	1		1					1
1964							8	22	55	95	48	57	13	5	5	12	5	5	7	11	14	4													
1965						2	3	38	68	73	14	5	14	9	2	16	19	4	10	8	16	15	6	7	17	2	11	3	1	1					1
1966				1	3	6	36	51	19	46	42	33	18	23	27	22	16	5	5	5	7														

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1826	100.0	12	5.9	82	581	31.8	24	20	28	60	3.2
1	1.80	2	1826	100.0	13	6.5	61	499	27.3	25	23	9	32	1.7
2	2.10	9	1824	99.9	14	7.3	51	438	24.0	26	25	14	23	1.2
3	2.30	45	1815	99.4	15	8.0	61	387	21.2	27	28	4	9	.4
4	2.60	106	1770	96.9	16	8.9	49	326	17.9	28	31	1	5	.2
5	2.90	124	1664	91.1	17	9.9	21	277	15.2	29	34	2	4	.2
6	3.20	78	1540	84.3	18	11.0	27	256	14.0	30	38		2	.1
7	3.50	136	1462	80.1	19	12.0	29	229	12.5	31	42		2	.1
8	3.90	160	1326	72.6	20	13.0	52	200	11.0	32	46		2	.1
9	4.30	253	1166	63.9	21	15.0	42	148	8.1	33	51		2	.1
10	4.80	181	913	50.0	22	17.0	25	106	5.8	34	57	2	2	.1
11	5.30	151	732	40.1	23	18.0	21	81	4.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1963	1.90	1	2.00	1	2.30	1	2.60	1	2.70	1	2.90	1	3.10	1	3.30	1	3.30	1
1964	3.30	4	3.50	4	3.80	4	3.90	4	4.00	4	4.30	4	4.50	4	4.40	4	4.70	2
1965	3.00	3	3.20	3	3.30	3	3.40	3	3.50	3	3.80	2	3.90	2	4.00	2	4.70	3
1966	2.50	2	2.60	2	2.90	2	3.20	2	3.40	2	4.20	3	4.40	3	4.40	3	5.20	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1962	23.0	3	21.0	3	19.0	3	17.0	3	14.0	3	9.9	4	8.5	5	7.8	5	6.2	5
1963	57.0	2	35.0	2	25.0	2	23.0	2	21.0	2	19.0	2	16.0	2	14.0	2	11.0	2
1964	16.0	4	15.0	4	15.0	4	14.0	4	13.0	4	11.0	3	9.5	3	8.4	3	7.1	3
1965	100.0	1	45.0	1	28.0	1	24.0	1	22.0	1	20.0	1	18.0	1	16.0	1	13.0	1
1966	14.0	5	14.0	5	14.0	5	13.0	5	11.0	5	9.7	5	8.9	4	7.9	4	6.8	4

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.64	4.42	4.15	4.39	4.93	4.20	6.39	9.84	15.0	10.2	6.03	4.18
1.85	2.69	3.13	1.17	3.41	0.58	0.93	11.3	23.4	40.6	14.1	1.35
1.36	1.64	1.77	1.08	1.85	0.76	0.96	3.36	4.84	6.37	3.76	1.16
0.80	0.71	1.41	-2.65	1.18	-1.21	0.27	-0.33	-0.02	0.76	1.80	0.09
0.29	0.37	0.43	0.25	0.37	0.18	0.15	0.34	0.32	0.62	0.62	0.28
5.92	5.64	5.29	5.59	6.29	5.35	8.15	12.6	19.1	13.1	7.69	5.32

10349700 WHITES CREEK NEAR STEAMBOAT, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
6.54	2.92	1.71	0.32	0.26	-0.845

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.65	0.62	0.59	0.63	0.67	0.62	0.80	0.97	1.16	0.94	0.73	0.61
0.02	0.03	0.03	0.02	0.02	0.01	0.00	0.03	0.02	0.07	0.05	0.02
0.12	0.16	0.16	0.13	0.16	0.09	0.07	0.17	0.15	0.27	0.23	0.12
0.38	0.27	1.44	-2.13	0.31	-1.50	0.18	-0.98	-0.44	0.46	1.34	-0.21
0.19	0.26	0.27	0.21	0.23	0.14	0.08	0.17	0.13	0.29	0.32	0.21
7.26	6.92	6.59	6.99	7.46	6.86	8.92	10.8	12.9	10.5	8.08	6.75

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.80	0.01	0.11	-0.01	0.14	-0.835

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	27.0	1964	18.0	1965	2280.0	1966	16.0
1963	135.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8758	1.8758
STANDARD DEVIATION	0.9076	0.9076
SKEW COEFFICIENTS		
STATION	1.4725	1.4725
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	5	5

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	5.0	0.4	0.0	0.0	4.1
0.9900	5.3	0.7	0.0	0.0	5.8
0.9500	6.9	2.6	0.7	0.0	15.4
0.9000	8.8	5.3	2.4	0.1	27.4
0.8000	13.3	12.8	8.3	0.4	60.0
0.5000	45.9	72.6	72.6	10.8	471.9
0.2000	320.8	431.5	685.4	92.3	12036.1
0.1000	1221.5	1117.6	2689.5	213.9	92175.5
0.0400	6593.0	3130.4	19263.8	479.0	925391.6
0.0200	22720.1	6140.1	101775.1	785.7	********
0.0100	76555.1	11318.4	********	1214.4	********

10350000 TRUCKEE RIVER AT VISTA, NV

LOCATION.--Lat 39°31'05", long 119°40'58", in NW¼NE¼ sec.13, T.19 N., R.20 E., Washoe County, Hydrologic Unit 16050102, on left bank 800 ft (250 m) downstream from Southern Pacific Railroad bridge, 0.9 mi (1.4 km) southeast of Vista, 1.5 mi (2.4 km) downstream from Steamboat Creek, and 4 mi (6 km) southeast of Sparks.

DRAINAGE AREA.--1,429 mi^2 (3,701 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Stampede, Boca, and Prosser Creek Reservoirs, and other lakes, combined capacity 1,070,000 acre-ft (1.32 km^3). Several powerplants and many diversions above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1901														3	10	8	26	32	72	52	14	27	38	17	43	9	9	3	2						
1902														4	5	14	6	67	86	60	29	15	27	17	14	19			2						
1903														11	25	8	22	23	16	66	93	23	23	23	12	12	6		1	1					
1904																		4	29	84	60	23	19	10	10	26	26	21	25	19	8	2			
1905															3	39	35	11	7	5	45	96	82	33	8	1									
1906														1			2	17	73	12	70	35	23	13	18	22	32	26	14	7					
1907																				2	23	77	50	54	19	15	37	30	28	24	2	2	1		1
1933								36	14	8	10	74	28	54	26	28	19	21	10	7	6	4	15	3	2										
1934							29	13	22	13	14	14	21	35	51	63	30	24	10	13	7	3	1		2										
1935		4		4	3	4	24	4	5	6	11	24	51	42	48	31	13	3	2	4	11	3	9	16	24	19									
1936							3	7	11	9	6	2	31	15	30	71	30	11	6	21	19	26	13	17	14	14	10								
1937													1	7	84	97	35	5	20	21	26	15	15	24	10	5									
1938																34	66	33	34	41	36	20	14	7	12	7	10	24	16	7	3	1			
1939															3	62	54	35	73	124	11	3													
1940															2	21	38	57	88	37	30	14	13	15	18	22	7	2	2						
1941																2	34	42	65	111	36	31	16	19	9										
1942																11	39	33	26	56	59	21	8	15	40	35	22								
1943																	45	44	37	55	26	15	15	12	15	28	64	7	1		1				
1944																16	62	37	22	178	38	8	5												
1945																12	57	25	80	87	59	12	12	5	4	10	2								
1946																	63	28	31	104	73	13	19	10	10	14									
1947																25	80	35	48	149	15	10	3												
1948																3	71	84	67	87	20	17	13	4											
1950																7	74	64	49	66	15	25	19	14	20	12									
1951																28	15	50	25	23	40	53	39	19	21	23	14	1	8	4		2			
1952																		24	45	71	23	15	13	21	49	22	12	19	10	39	3				
1953																		36	51	57	71	36	28	37	37	5	7								
1954															3	46	47	25	30	137	43	17	16	1											
1959																15	107	35	26	161	14	6		1											
1960																9	84	85	123	28	23	11	1	1	1										
1961											6	5	10	12	32	61	100	83	48	5	1	2													
1962											12	10	19	39	50	32	84	18	6	12	18	23	20	11	11										
1963																10	68	58	45	50	33	22	21	17	12	11	10	4	1		1	1			1
1964																15	57	69	124	28	25	31	15	2											
1965																	29	55	64	30	21	24	45	44	27	11	5	2	3	2	1	2			
1966																4	83	41	38	75	51	39	7	14	13										
1967															4	1	12	41	62	76	47	22	9	11	9	7	15	21	17	11					
1968																1	59	47	47	95	74	20	9	9	3	2									
1969																	30	51	61	47	5	3	9	4	22	35	21	53	23	1					
1970																		57	82	50	31	24	43	13	32	16	8	3	3	3					
1971																		8	41	74	68	61	37	17	15	31	13								
1972																6	47	29	18	109	53	38	61	4	1										
1973																		7	23	178	75	30	36	10	6										
1974																		2	32	101	51	34	24	27	52	33	7	2							
1975																		1	10	68	137	51	49	4	6	9	21	9							
1976																		1	43	181	89	51	1												

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	16801	100.0	12	94.0	161	16394	97.6	24	1600	621	1987	11.8
1	7.00	4	16801	100.0	13	120.0	223	16233	96.6	25	2000	475	1366	8.1
2	8.90	0	16797	100.0	14	150.0	376	16010	95.3	26	2600	358	891	5.3
3	11.00	4	16797	100.0	15	190.0	780	15634	93.1	27	3300	227	533	3.1
4	14.00	3	16793	100.0	16	240.0	1723	14854	88.4	28	4100	156	306	1.8
5	18.00	4	16790	99.9	17	310.0	1558	13131	78.2	29	5200	118	150	.8
6	23.00	56	16786	99.9	18	390.0	1995	11573	68.9	30	6600	19	32	.1
7	29.00	60	16730	99.6	19	490.0	3098	9578	57.0	31	8400	10	13	
8	37.00	52	16670	99.2	20	620.0	1814	6480	38.6	32	11000	1	3	
9	46.00	36	16618	98.9	21	790.0	1149	4666	27.8	33	13000		2	
10	59.00	59	16582	98.7	22	1000.0	935	3517	20.9	34	17000	2	2	
11	74.00	129	16523	98.3	23	1300.0	595	2582	15.4					

10350000 TRUCKEE RIVER AT VISTA, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1901	38.00	4	38.00	4	56.00	4	63.00	4	69.00	4	108.00	6	138.00	6	195.00	6	313.00	12
1902	128.00	8	159.00	12	180.00	12	194.00	11	253.00	25	286.00	26	325.00	28	371.00	30	418.00	23
1903	146.00	12	146.00	9	163.00	10	223.00	18	246.00	19	296.00	31	346.00	33	375.00	32	504.00	35
1904	130.00	9	130.00	8	136.00	7	153.00	8	159.00	8	194.00	9	241.00	10	306.00	19	441.00	30
1905	675.00	45	687.00	45	687.00	45	690.00	45	724.00	45	762.00	45	849.00	45	872.00	45	871.00	45
1906	130.00	10	157.00	11	179.00	11	187.00	10	192.00	10	218.00	10	249.00	13	293.00	16	344.00	16
1907	490.00	44	580.00	44	620.00	44	655.00	44	701.00	44	707.00	44	733.00	44	774.00	44	845.00	44
1933	65.00	6	65.00	6	65.00	6	69.00	6	76.00	6	81.00	4	83.00	4	86.00	3	100.00	3
1934	28.00	2	28.00	2	28.00	2	28.00	2	28.00	2	31.00	2	36.00	2	59.00	2	92.00	2
1935	32.00	3	34.00	3	34.00	3	36.00	3	38.00	3	47.00	3	82.00	3	107.00	4	111.00	4
1936	7.00	1	7.70	1	9.70	1	14.00	1	24.00	1	26.00	1	35.00	1	49.00	1	76.00	1
1937	115.00	7	121.00	7	137.00	8	151.00	7	159.00	7	177.00	8	192.00	8	197.00	7	207.00	6
1938	141.00	11	147.00	10	155.00	9	157.00	9	166.00	9	176.00	7	186.00	7	199.00	8	248.00	7
1939	236.00	30	237.00	28	242.00	28	249.00	28	262.00	27	295.00	29	337.00	31	380.00	33	431.00	26
1940	179.00	16	183.00	16	209.00	18	212.00	15	219.00	13	227.00	11	239.00	9	258.00	10	296.00	9
1941	179.00	17	185.00	17	200.00	16	221.00	17	233.00	15	255.00	16	286.00	20	322.00	21	392.00	19
1942	230.00	29	237.00	29	243.00	29	260.00	30	280.00	32	305.00	33	325.00	29	349.00	28	432.00	27
1943	224.00	26	228.00	26	232.00	26	237.00	22	249.00	22	275.00	22	307.00	24	339.00	26	460.00	32
1944	250.00	33	252.00	32	265.00	32	275.00	32	278.00	30	295.00	30	328.00	30	371.00	31	440.00	29
1945	226.00	27	228.00	27	237.00	27	239.00	25	247.00	20	258.00	18	267.00	16	293.00	17	376.00	18
1946	219.00	24	226.00	25	230.00	24	238.00	23	247.00	21	257.00	17	280.00	19	324.00	23	413.00	22
1947	240.00	32	249.00	30	256.00	30	259.00	29	270.00	29	287.00	27	298.00	22	336.00	25	419.00	24
1948	209.00	21	214.00	20	217.00	20	225.00	19	233.00	16	244.00	14	254.00	14	274.00	11	331.00	15
1950	175.00	15	180.00	15	192.00	15	201.00	14	207.00	11	237.00	12	247.00	12	249.00	9	274.00	8
1951	239.00	31	249.00	31	258.00	31	268.00	31	280.00	31	287.00	28	345.00	32	367.00	29	633.00	42
1952	195.00	19	203.00	19	213.00	19	217.00	16	226.00	14	268.00	21	301.00	23	332.00	24	433.00	28
1953	347.00	40	350.00	40	354.00	39	361.00	39	384.00	38	448.00	38	457.00	38	488.00	38	597.00	40
1954	315.00	38	315.00	36	316.00	36	325.00	36	340.00	36	377.00	36	415.00	36	451.00	36	473.00	33
1960	219.00	25	219.00	22	228.00	23	239.00	24	250.00	23	255.00	15	260.00	15	276.00	12	310.00	11
1961	180.00	18	187.00	18	189.00	14	198.00	12	215.00	12	266.00	20	270.00	17	286.00	14	309.00	10
1962	60.00	5	62.00	5	63.00	5	65.00	5	74.00	5	94.00	5	105.00	5	116.00	5	136.00	5
1963	158.00	14	172.00	14	188.00	13	198.00	13	234.00	17	242.00	13	246.00	11	285.00	13	429.00	25
1964	208.00	20	217.00	21	219.00	21	234.00	21	250.00	24	280.00	23	310.00	26	322.00	22	401.00	20
1965	217.00	23	221.00	23	224.00	22	227.00	20	246.00	18	264.00	19	280.00	18	287.00	15	323.00	14
1966	268.00	35	270.00	34	283.00	35	311.00	35	338.00	35	421.00	37	437.00	37	462.00	37	622.00	41
1967	151.00	13	167.00	13	204.00	17	249.00	26	264.00	28	283.00	25	291.00	21	295.00	18	321.00	13
1968	302.00	36	333.00	38	350.00	38	358.00	37	387.00	39	458.00	39	508.00	39	539.00	40	552.00	36
1969	229.00	28	255.00	33	278.00	33	283.00	33	293.00	33	303.00	32	309.00	25	321.00	20	372.00	17
1970	257.00	34	271.00	35	281.00	34	293.00	34	294.00	34	335.00	34	354.00	34	393.00	34	452.00	31
1971	315.00	37	325.00	37	332.00	37	358.00	38	360.00	37	376.00	35	397.00	35	432.00	35	491.00	34
1972	338.00	39	340.00	39	371.00	40	427.00	40	478.00	41	528.00	42	582.00	43	579.00	43	695.00	43
1973	213.00	22	225.00	24	231.00	25	249.00	27	261.00	26	281.00	24	318.00	27	342.00	27	412.00	21
1974	462.00	43	474.00	43	487.00	42	493.00	42	512.00	42	549.00	43	551.00	42	557.00	41	593.00	39
1975	384.00	42	384.00	41	409.00	41	430.00	41	465.00	40	492.00	40	532.00	41	557.00	42	582.00	37
1976	361.00	41	427.00	42	490.00	43	506.00	43	516.00	43	525.00	41	523.00	40	530.00	39	584.00	38

10350000 TRUCKEE RIVER AT VISTA, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1901	4210.0 16	3710.0 15	3340.0 15	2680.0 16	2200.0 18	1910.0 17	1750.0 17	1720.0 12	1370.0 15
1902	4340.0 15	3610.0 16	2580.0 22	2430.0 21	1930.0 23	1780.0 21	1550.0 20	1310.0 21	1020.0 23
1903	5650.0 11	4110.0 14	2710.0 20	2550.0 19	2130.0 19	1870.0 19	1620.0 18	1390.0 19	1130.0 20
1904	8940.0 5	8350.0 4	7190.0 2	5970.0 3	5250.0 3	4730.0 3	4420.0 3	4110.0 2	3150.0 2
1905	2060.0 29	1740.0 33	1560.0 33	1440.0 33	1330.0 30	1220.0 27	1170.0 26	1170.0 23	1060.0 21
1906	5470.0 12	5430.0 10	5320.0 9	5020.0 6	4350.0 6	3670.0 7	3550.0 5	3140.0 5	2400.0 5
1907	17000.0 2	12800.0 1	8240.0 1	6060.0 1	5350.0 2	4970.0 2	4820.0 1	4450.0 1	3520.0 1
1933	1610.0 37	1580.0 34	1370.0 34	1230.0 34	1060.0 35	715.0 39	587.0 42	489.0 44	370.0 44
1934	1730.0 35	1540.0 35	1120.0 38	878.0 41	687.0 41	512.0 45	425.0 45	375.0 45	300.0 46
1935	2510.0 24	2300.0 25	2180.0 26	2010.0 26	1910.0 24	1790.0 20	1460.0 22	1150.0 25	815.0 28
1936	3070.0 21	3060.0 20	3020.0 16	2760.0 15	2330.0 17	1890.0 18	1580.0 19	1380.0 20	1030.0 22
1937	2370.0 26	2080.0 27	1850.0 28	1670.0 28	1510.0 27	1380.0 26	1130.0 27	1020.0 27	784.0 32
1938	9760.0 4	7410.0 6	6090.0 6	5050.0 5	4570.0 5	4080.0 5	3230.0 6	2630.0 8	1930.0 8
1939	868.0 46	829.0 46	769.0 45	636.0 45	595.0 45	534.0 44	527.0 44	526.0 43	523.0 42
1940	4850.0 14	4310.0 13	3640.0 13	2570.0 18	2360.0 16	2170.0 15	1780.0 15	1520.0 17	1190.0 19
1941	1930.0 32	1800.0 31	1710.0 31	1610.0 29	1500.0 28	1180.0 29	975.0 31	932.0 28	829.0 27
1942	3140.0 19	3100.0 19	2910.0 19	2810.0 14	2640.0 13	2300.0 13	2200.0 10	1850.0 10	1580.0 11
1943	7680.0 7	5330.0 11	3750.0 12	3190.0 13	3170.0 10	2920.0 9	2710.0 8	2640.0 7	2080.0 6
1944	1290.0 42	1220.0 41	1090.0 40	940.0 40	781.0 40	642.0 40	630.0 39	611.0 39	589.0 38
1945	2910.0 23	2510.0 23	2460.0 23	2180.0 24	1700.0 26	1180.0 30	983.0 30	923.0 30	794.0 30
1946	2460.0 25	2410.0 24	2360.0 24	2230.0 23	1940.0 22	1470.0 25	1200.0 25	1060.0 26	925.0 25
1947	1230.0 43	1100.0 43	964.0 42	764.0 42	662.0 42	618.0 41	596.0 41	589.0 41	564.0 40
1948	1510.0 39	1450.0 37	1320.0 36	1200.0 36	1040.0 36	851.0 36	717.0 38	624.0 38	562.0 41
1950	2330.0 27	2260.0 26	2240.0 25	2050.0 25	1800.0 25	1610.0 24	1380.0 23	1170.0 24	958.0 24
1951	8750.0 6	7950.0 5	6040.0 7	4060.0 10	3990.0 7	2950.0 8	2580.0 9	2140.0 9	1700.0 9
1952	7090.0 8	6940.0 7	6510.0 5	6050.0 2	5720.0 1	5260.0 1	4460.0 2	3790.0 3	3080.0 3
1953	3050.0 22	2990.0 22	2960.0 17	2450.0 20	2060.0 21	1760.0 22	1530.0 21	1300.0 22	1230.0 17
1954	1400.0 41	1300.0 39	1200.0 37	1140.0 37	966.0 38	848.0 37	803.0 35	738.0 35	661.0 35
1959	1560.0 38	1150.0 42	847.0 44	696.0 44	661.0 43	610.0 42	598.0 40	590.0 40	572.0 39
1960	1900.0 33	1380.0 38	865.0 43	749.0 43	645.0 44	595.0 43	570.0 43	562.0 42	511.0 43
1961	938.0 45	869.0 45	662.0 46	487.0 46	437.0 46	381.0 46	357.0 46	345.0 46	325.0 45
1962	1900.0 34	1800.0 32	1710.0 32	1470.0 32	1390.0 29	1190.0 28	1020.0 28	845.0 33	668.0 34
1963	17400.0 1	11100.0 2	7110.0 3	4230.0 9	2470.0 14	1630.0 23	1380.0 24	1430.0 18	1210.0 18
1964	1480.0 40	1220.0 40	1100.0 39	1070.0 38	1020.0 37	887.0 35	753.0 37	666.0 37	591.0 37
1965	10700.0 3	9080.0 3	7090.0 4	4810.0 7	3230.0 9	2350.0 11	1780.0 16	1590.0 16	1590.0 10
1966	1980.0 30	1970.0 28	1960.0 27	1800.0 27	1310.0 31	1160.0 31	968.0 32	869.0 32	810.0 29
1967	6430.0 9	6110.0 8	5710.0 8	5330.0 4	4670.0 4	4110.0 4	3130.0 7	2700.0 6	2040.0 7
1968	2060.0 28	1950.0 29	1750.0 30	1530.0 30	1180.0 33	953.0 34	849.0 34	788.0 34	715.0 33
1969	5250.0 13	5170.0 12	5000.0 11	4390.0 8	3950.0 8	3840.0 6	3780.0 4	3400.0 4	2790.0 4
1970	6230.0 10	5500.0 9	5040.0 10	4020.0 11	3110.0 11	2500.0 10	1990.0 11	1670.0 13	1470.0 13
1971	3130.0 20	3040.0 21	2910.0 18	2650.0 17	2380.0 15	2250.0 14	1860.0 14	1650.0 15	1400.0 14
1972	1610.0 36	1490.0 36	1340.0 35	1220.0 35	1100.0 34	982.0 33	941.0 33	882.0 31	784.0 31
1973	1930.0 31	1890.0 30	1800.0 29	1500.0 31	1290.0 32	1150.0 32	1020.0 29	927.0 29	843.0 26
1974	3520.0 18	3210.0 18	2700.0 21	2380.0 22	2130.0 20	2050.0 16	1970.0 12	1780.0 11	1560.0 12
1975	3670.0 17	3550.0 17	3510.0 14	3230.0 12	3080.0 12	2340.0 12	1860.0 13	1660.0 14	1360.0 16
1976	1160.0 44	983.0 44	970.0 41	943.0 39	895.0 39	838.0 38	772.0 36	715.0 36	659.0 36

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
462	559	655	706	861	936	1349	1709	1234	511	351	382
58200	98110	249500	202000	351500	471200	1185000	1578000	1159000	275900	57560	43980
241	313	499	449	593	686	1089	1256	1076	525	240	210
1.20	2.57	3.30	1.36	1.48	2.16	1.70	1.49	1.43	2.78	2.73	1.64
0.52	0.56	0.76	0.64	0.69	0.73	0.81	0.73	0.87	1.03	0.68	0.55
4.75	5.75	6.74	7.27	8.86	9.63	13.9	17.6	12.7	5.26	3.62	3.93

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
822	203400	451	1.33	0.55	0.281

10350000 TRUCKEE RIVER AT VISTA, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.59	2.68	2.73	2.77	2.85	2.89	3.02	3.12	2.94	2.57	2.47	2.51
0.09	0.07	0.08	0.08	0.08	0.07	0.09	0.11	0.15	0.10	0.07	0.09
0.30	0.26	0.28	0.28	0.28	0.27	0.31	0.33	0.39	0.32	0.27	0.30
-1.68	-1.10	-0.47	-0.32	0.09	0.32	0.40	-0.63	-0.44	0.85	-0.75	-1.67
0.12	0.10	0.10	0.10	0.10	0.09	0.10	0.11	0.13	0.12	0.11	0.12
7.81	8.10	8.24	8.35	8.60	8.71	9.11	9.42	8.87	7.77	7.46	7.57

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.86	0.05	0.23	-0.07	0.08	0.408

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1900	1477.0	1937	2370.0	1949	1600.0	1965	11700.0
1901	4213.0	1938	9760.0	1950	2330.0	1966	2050.0
1902	4336.0	1939	868.0	1951	8750.0	1967	7040.0
1903	5650.0	1940	4100.0	1952	7090.0	1968	2180.0
1904	8940.0	1941	1930.0	1953	3050.0	1969	5510.0
1905	2055.0	1942	3140.0	1954	1400.0	1970	7630.0
1906	5470.0	1943	7680.0	1959	1810.0	1971	3550.0
1907	10000.0	1944	1290.0	1960	2850.0	1972	1840.0
1933	1600.0	1945	2910.0	1961	1170.0	1973	2330.0
1934	1730.0	1946	2460.0	1962	2160.0	1974	4000.0
1935	2510.0	1947	1220.0	1963	18900.0	1975	3950.0
1936	3070.0	1948	1500.0	1964	2170.0	1976	1530.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4959	3.4959
STANDARD DEVIATION	0.3092	0.3092
SKEW COEFFICIENTS		
STATION	0.5269	0.5269
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.2309 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	48	48
PERIOD (YEARS)	48	48

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	710.6	584.1	531.1	395.6	780.6
0.9900	790.0	675.1	627.4	469.3	886.9
0.9500	1090.4	1019.4	986.4	759.9	1279.6
0.9000	1321.7	1282.5	1250.6	990.5	1574.9
0.8000	1702.0	1709.2	1687.0	1372.4	2053.7
0.5000	2943.5	3048.1	3048.1	2565.4	3615.8
0.2000	5560.8	5650.4	5738.1	4707.3	7023.9
0.1000	8044.8	7925.9	8180.3	6434.0	10315.9
0.0400	12274.8	11508.7	12143.0	8997.1	15901.6
0.0200	16388.3	14742.7	16002.3	11204.3	21263.7
0.0100	21487.9	18505.0	20597.6	13683.0	27804.6

10350100 LONG VALLEY CREEK NEAR HAPPY VALLEY, NV

LOCATION.--Lat 39°29'05", long 119°37'20", in SW¼NW¼ sec.27, T.19 N., R.21 E., Storey County, Hydrologic Unit 16050102, 2 mi (3 km) southeast of Happy Valley, 8 mi (13 km) southeast of Sparks.

DRAINAGE AREA.--82.6 mi^2 (213.9 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	1430.0	1970	400.0	1973	0.1	1975	180.0
1968	1.0	1971	20.0	1974	105.0	1976	17.0
1969	2560.0	1972	1.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.4974	1.4974
STANDARD DEVIATION	1.4644	1.4644
SKEW COEFFICIENTS		
STATION	-0.3916	-0.3916
GENERALIZED	--	0.1000
WRC WEIGHTED	--	0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.1
0.9900	0.0	0.0	0.0	0.0	0.2
0.9500	0.1	0.1	0.1	0.0	1.2
0.9000	0.4	0.4	0.2	0.0	3.1
0.8000	2.0	1.8	1.3	0.1	11.0
0.5000	39.1	29.7	29.7	4.4	197.3
0.2000	561.4	527.4	749.3	87.3	8637.7
0.1000	2004.6	2449.3	4848.4	337.9	82906.3
0.0400	7136.3	12905.0	41203.2	1325.2	********
0.0200	15467.5	38265.7	215337.3	3134.7	********
0.0100	30081.5	102648.2	********	6748.3	********

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV

LOCATION.--Lat 39°35'05", long 119°26'25", in NW¼SE¼ sec.19, T.20 N., R.23 E., Storey County, Hydrologic Unit 16050102, on right bank 1,500 ft (500 m) downstream from Derby Dam, 3.2 mi (5.1 km) downstream from Clark, and 9 mi (14 km) southwest of Wadsworth.

DRAINAGE AREA.--1,670 mi^2 (4,325 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Prosser Creek, Stampede and Boca Reservoirs, other lakes, powerplants, many diversions for irrigation, and by Derby Dam. Truckee Canal diverts water at Derby Dam out of basin to Lahontan Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR															NUMBER OF DAYS IN CLASS																				
1919										5		7	4	76	21	6	5	3	6	13	26	60	52	12	5	12	20	13	19						
1921														80	76	28	6	2	2	3	6	22	34	23	19	43	17	3	1						
1922															40	102	23	8	6	13	14	10	24	32	17	8	10	19	24	15					
1923															27	91	7	3	10	5	4	23	70	32	19	28	17	25	3	1					
1924	4											11	5	95	2	126	10	6	2	12	12	50	27	2	1	1									
1925														129	34	120	3	3	2	3	7	9	9	12	14	12	4	2	2						
1926														15	14	264	17	5	1	5	6	5	10	5	12	6									
1927														113	12	87	4	3	3	2	2	8	7	13	17	18	34	19	16	7					
1928														50	5	127	19	1		3	1	10	48	51	15	7	8	13	1		2	1	3	1	
1929										2		1	15	200	51	54	7	3	8	5	2	7	9	1										
1930									142		3	11	56	27	59	12	7	2	4	1	6	6	6	14	4	5									
1931								38		5	128	21	72	27	50	11	12				1														
1932								6		91	50	25	7	9	30	38	17	1	1	2	4	4	8	17	10	18	16	5	7						
1933								4		2	3	146	45	16	79	44	1		2	1	1		4	3	9	2	3								
1934								54		76	16	16	15	2	53	50	75	3		1			1			2		1							
1935								56		92	36	3	9		57	34	8		1		1			3	6	14	20	18	7						
1936									65			90	1	4	3	69	21	6	6	8	9	5	12	7	15	11	13	13	8						
1937												3	59	56	34	75	5	11	2	4	2	1	5	18	47	28	9	4	2						
1938													5	21	20	51	28	11	9	9	13	15	13	10	30	35	13	15	14	33	15	4	1		
1939												14		7	9	129	9	5	18	21	8	16	11	79	36	3									
1940												96	16	24	8	92	13			2	7	5	17	8	6	11	22	25	9	3	2				
1941													2	30	27	75	57	6	2	5	7	3	19	48	55	20	8	1							
1942															22	38	35	18	4	9	12	2	8	11	49	38	39	45	35						
1943													20	27	3	1		100	1	1	2	5	22	23	26	16	11	8	71	26	1	1			
1944													3	6	7	87	84	47	25	10	12	31	20	21	13										
1945								116			31	4	18	1	18	55	18	2	3	5	10	16	17	10	10	10	5	7	9						
1946									19	1	3	6	6	9	15	87	21	3	12	8	9	16	32	40	41	12	9	16							
1947								50	9		62	1	1	13	122	39		3	2	2	3	4	16	32	6									
1948								88	108			1	1	1	131	5	4	5	2	2	3		6	4	5									
1949								82	101			6	47	20	97	1		1	1	3	2		1	2	1									
1950									170			31			86	1	3	3	7	6	3	2	3	11	6	17	16								
1951									46				10	31	80	8	3	10	3	10	6	9	14	9	32	6	2	43	17	14	9	1	2		
1952									68					24	62	6	3			1	3	6	3	9	14	12	8	53	23	26	43	2			
1953															151	32	8	2	1	4	6	5	22	17	15	42	41	9	9	1					
1954												67		143	101	6	6		2	1	2	5	7	13	8	2			2						
1955									2			163	22	22	40	108	8																		
1957														149	130	25	5			1	2	5	2	8	7	15	8	6	2						
1959										3	7	24	22	50	39	8	89	87	17	4	11			2	1		1								
1960										6	19	41	85	28	14	44	40	14	64	2	2	1	1	2		1	1		1						
1961								15	47	33	3	19	44	20	20	16	87	60						1											
1962			23	82	33	14		7	5	5		3	2	8	2	4	14	119	1	4	1	4	2	9	6	7	6	4							
1963								8	18	2	25	27	6	1	6	28	28	77	17	4	4	8	2	7	5	10	21	11	20	6	15	3	4	1	1
1964									1	10	27	36	11	6	25	20	36	108	29	34	11	3	6	1	1	1									
1965														14	22	43	2	35	45	9	2	7	12	12	8	51	42	24	20	9	3	2	1	2	
1966														1	9	154	67	30	8	4	8	7	12	19	18	14	6	8							
1967													1	24	68	50	17	8	28	5	9	19	14	16	12	2	12	14	11	31	23	1			
1968															2	11	118	43	21	13	3	17	18	49	53	8	4	6							
1969												17	18	36	25	20	60	10	2	1	2	2	1	1	3	8	5	43	18	76	17				
1970										41	4	3	14	6	8	6	19	45	31	7	16	10	18	26	18	13	14	34	22	5	5				
1971													11	5	12	15	13	3	3	6	9	27	32	24	60	39	55	45	6						
1972															5	19	84	20	7	9	21	28	33	30	78	31	1								
1973														11	7	21	15	7	3	1	4	2	93	44	92	41	18	6							
1974																			9	10	25	12	39	47	55	35	34	73	24	2					
1975																			5	28	29	24	61	32	53	81	7	12	21	12					
1976																				12	14	90	83	118	49										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	4	20088	100.0	12	7.0	509	16492	82.1	24	490	1152	3893	19.3
1	0.10	23	20084	100.0	13	10.0	1867	15983	79.6	25	700	786	2741	13.6
2	0.20	82	20061	99.9	14	14.0	2157	14116	70.3	26	1000	539	1955	9.7
3	0.30	33	19979	99.5	15	20.0	2883	11959	59.5	27	1400	620	1416	7.0
4	0.40	14	19946	99.3	16	29.0	999	9076	45.2	28	2000	393	796	3.9
5	0.60	30	19932	99.2	17	41.0	535	8077	40.2	29	2900	258	403	2.0
6	0.80	565	19902	99.1	18	59.0	303	7542	37.5	30	4100	123	145	.7
7	1.20	59	19337	96.3	19	84.0	298	7239	36.0	31	5900	12	22	.1
8	1.70	1077	19278	96.0	20	120.0	370	6941	34.6	32	8400	8	10	
9	2.40	463	18201	90.6	21	170.0	645	6571	32.7	33	12000	2	2	
10	3.50	453	17738	88.3	22	240.0	998	5926	29.5	34				
11	4.90	793	17285	86.0	23	350.0	1035	4928	24.5					

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1919	0.00 1	6.00 31	7.70 30	13.00 39	16.00 41	17.00 36	18.00 35	51.00 45	105.00 42
1921	2.00 17	4.30 25	5.90 29	6.80 28	12.00 33	12.00 30	12.00 25	12.00 22	15.00 22
1922	15.00 43	15.00 42	15.00 42	15.00 40	15.00 40	15.00 35	17.00 32	17.00 29	19.00 23
1923	18.00 51	19.00 51	20.00 49	20.00 48	20.00 44	21.00 40	28.00 43	27.00 42	128.00 44
1924	15.00 44	17.00 48	18.00 46	18.00 42	19.00 42	20.00 37	21.00 36	23.00 38	35.00 33
1925	0.00 2	0.00 1	2.10 21	4.00 22	6.50 25	8.30 25	8.80 21	9.30 18	9.90 15
1926	16.00 48	16.00 45	17.00 44	19.00 45	21.00 45	21.00 41	21.00 37	21.00 35	21.00 28
1927	10.00 37	10.00 37	10.00 33	10.00 32	10.00 29	14.00 32	17.00 33	19.00 32	19.00 24
1928	10.00 38	10.00 38	10.00 34	10.00 33	10.00 30	25.00 44	29.00 44	30.00 43	44.00 34
1929	10.00 39	10.00 39	10.00 35	10.00 34	10.00 31	10.00 27	14.00 30	17.00 30	20.00 26
1930	2.00 18	2.00 16	2.00 15	2.00 14	2.00 16	2.00 11	2.10 8	8.80 17	14.00 20
1931	1.00 8	1.00 6	1.00 5	1.00 4	1.00 4	1.90 7	2.20 9	2.40 8	3.20 7
1932	1.00 9	1.00 7	1.30 13	1.60 12	1.80 11	1.90 8	2.20 10	2.20 7	2.60 4
1933	3.00 26	3.00 23	3.60 23	3.80 21	3.90 20	4.00 15	4.00 13	4.00 10	4.40 9
1934	1.00 10	1.00 8	1.00 6	1.00 5	1.00 5	1.50 6	1.60 5	1.90 4	2.80 5
1935	1.00 11	1.00 9	1.00 7	1.00 6	1.00 6	1.10 5	1.40 4	1.50 3	2.00 1
1936	2.00 19	2.00 17	2.00 16	2.00 15	2.00 12	4.80 17	5.20 17	5.70 14	7.90 12
1937	5.00 27	5.00 26	5.60 27	7.10 29	7.60 27	7.80 24	9.10 22	15.00 27	21.00 29
1938	8.00 32	8.70 34	10.00 36	10.00 35	12.00 34	15.00 33	18.00 34	20.00 33	27.00 32
1939	16.00 49	16.00 46	18.00 45	20.00 46	22.00 46	27.00 45	30.00 45	86.00 48	220.00 49
1940	5.00 28	5.00 27	5.00 24	5.00 23	5.00 24	5.30 21	7.30 18	8.10 16	13.00 18
1941	10.00 40	10.00 40	11.00 40	11.00 36	13.00 38	23.00 43	24.00 41	25.00 40	113.00 43
1942	8.00 33	8.70 35	10.00 37	18.00 43	19.00 43	21.00 42	23.00 39	24.00 39	100.00 41
1943	8.00 34	8.00 32	8.00 31	9.60 31	12.00 35	20.00 38	25.00 42	26.00 41	132.00 46
1944	15.00 45	17.00 47	20.00 50	20.00 47	33.00 49	40.00 48	43.00 47	64.00 47	83.00 38
1945	1.00 12	1.00 10	1.00 8	1.00 7	1.00 7	5.70 22	12.00 26	13.00 23	15.00 21
1946	2.00 20	2.00 18	2.00 17	2.00 16	4.10 21	11.00 28	14.00 31	18.00 31	56.00 36
1947	1.00 13	1.00 11	1.00 9	1.00 8	2.70 17	7.80 23	12.00 27	15.00 24	20.00 27
1948	1.00 14	1.00 12	1.00 10	1.00 9	1.00 8	1.00 3	1.20 2	1.40 2	2.10 2
1949	1.00 15	1.00 13	1.00 11	1.00 10	1.00 9	1.00 4	2.00 6	3.00 9	3.20 6
1950	2.00 21	2.00 19	2.00 18	2.00 17	2.00 13	2.00 9	2.00 7	2.00 5	2.60 3
1951	2.00 22	2.00 20	2.00 19	2.00 18	2.00 14	5.00 18	8.00 20	9.50 20	131.00 45
1952	2.00 23	2.00 21	2.00 20	2.00 19	2.00 15	2.00 10	4.40 15	6.40 15	9.00 13
1953	15.00 46	15.00 43	15.00 43	15.00 41	15.00 39	15.00 34	24.00 40	22.00 36	97.00 40
1954	5.00 29	5.00 28	5.00 25	5.00 24	5.00 22	5.00 19	7.60 19	9.40 19	11.00 16
1955	5.00 30	5.00 29	5.00 26	5.00 25	5.00 23	5.00 20	5.00 16	5.10 13	6.10 11
1957	0.00 3	0.00 2	0.00 1	5.00 26	9.00 28	11.00 29	12.00 28	12.00 21	12.00 17
1960	1.30 16	1.30 15	1.50 14	1.70 13	3.10 19	3.90 14	4.20 14	4.20 11	9.10 14
1961	0.60 6	0.60 5	0.60 3	0.61 2	0.74 2	0.97 2	1.20 3	2.10 6	3.30 8
1962	0.10 4	0.10 3	0.10 2	0.10 1	0.15 1	0.19 1	0.20 1	0.21 1	4.50 10
1963	0.60 5	0.60 4	0.61 4	0.70 3	0.93 3	3.80 13	3.50 12	21.00 34	51.00 35
1964	0.90 7	1.10 14	1.30 12	1.50 11	1.80 10	2.10 12	2.80 11	4.40 12	14.00 19
1965	2.70 24	3.90 24	8.70 32	9.10 30	11.00 32	13.00 31	14.00 29	15.00 25	19.00 25
1966	10.00 41	16.00 44	19.00 47	19.00 44	24.00 47	29.00 46	35.00 46	87.00 49	182.00 48
1967	9.30 36	10.00 36	11.00 38	11.00 37	13.00 36	21.00 39	21.00 38	22.00 37	24.00 30
1968	15.00 47	18.00 49	33.00 51	39.00 51	52.00 51	81.00 50	169.00 50	209.00 50	290.00 51
1969	5.40 31	5.60 30	5.70 28	6.10 27	7.00 26	8.70 26	11.00 24	15.00 26	26.00 31
1970	2.70 25	2.70 22	2.80 22	2.80 20	2.90 18	4.60 16	9.80 23	16.00 28	95.00 39
1971	8.30 35	8.40 33	11.00 39	12.00 38	13.00 37	42.00 49	45.00 48	50.00 44	141.00 47
1972	18.00 50	18.00 50	19.00 48	24.00 49	41.00 50	190.00 52	304.00 53	346.00 53	345.00 53
1973	11.00 42	11.00 41	12.00 41	26.00 50	30.00 48	33.00 47	45.00 49	53.00 46	62.00 37
1974	61.00 52	72.00 52	84.00 52	102.00 52	120.00 52	204.00 53	251.00 52	271.00 52	291.00 52
1975	68.00 53	76.00 53	95.00 53	118.00 53	131.00 53	182.00 51	181.00 51	213.00 51	240.00 50
1976	85.00 54	92.00 54	99.00 54	147.00 54	174.00 54	232.00 54	320.00 54	375.00 54	402.00 54

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1919	2790.0 19	2760.0 16	2620.0 16	2390.0 16	2020.0 16	1600.0 16	1160.0 17	954.0 19	693.0 20
1921	2040.0 27	1730.0 28	1400.0 30	1180.0 29	989.0 25	744.0 27	751.0 23	696.0 22	543.0 22
1922	3750.0 12	3710.0 12	3340.0 12	2860.0 12	2760.0 10	2430.0 7	1820.0 8	1480.0 9	1070.0 12
1923	2970.0 17	2300.0 19	2060.0 22	1740.0 22	1430.0 21	1400.0 18	1130.0 18	961.0 18	733.0 18
1924	748.0 44	629.0 44	427.0 46	343.0 46	293.0 45	256.0 41	237.0 40	196.0 39	137.0 39
1925	2890.0 18	2200.0 21	1220.0 34	739.0 35	661.0 35	522.0 34	385.0 37	365.0 37	247.0 36
1926	964.0 39	871.0 36	716.0 37	539.0 39	525.0 37	325.0 40	225.0 41	176.0 41	123.0 41
1927	3270.0 15	3170.0 14	2890.0 14	2490.0 13	2260.0 13	1800.0 14	1480.0 12	1290.0 12	901.0 14
1928	12000.0 2	11000.0 1	8520.0 1	4890.0 3	2990.0 6	1800.0 15	1310.0 15	1060.0 16	778.0 16
1929	381.0 52	262.0 52	247.0 50	205.0 47	107.0 47	75.0 47	55.0 47	44.0 48	39.0 47
1930	865.0 41	638.0 43	509.0 43	487.0 40	379.0 42	225.0 44	162.0 44	125.0 44	95.0 43
1931	87.0 54	32.0 55	23.0 55	21.0 55	18.0 55	15.0 55	13.0 55	12.0 55	9.4 55
1932	1980.0 28	1930.0 25	1720.0 23	1340.0 25	895.0 29	666.0 30	576.0 30	450.0 33	300.0 34
1933	811.0 42	758.0 39	561.0 42	431.0 43	300.0 44	159.0 45	110.0 45	85.0 45	59.0 45
1934	1080.0 36	752.0 41	365.0 47	178.0 48	100.0 48	60.0 49	46.0 49	38.0 49	31.0 49
1935	1510.0 33	1400.0 33	1330.0 31	1160.0 30	1050.0 24	928.0 22	671.0 25	507.0 28	336.0 32
1936	2170.0 23	2140.0 22	2100.0 20	1880.0 21	1490.0 20	1110.0 21	834.0 21	661.0 24	445.0 27
1937	2170.0 24	1900.0 26	1420.0 28	1220.0 27	961.0 27	784.0 26	723.0 24	677.0 23	453.0 26
1938	8870.0 5	6640.0 5	5810.0 4	4780.0 4	4290.0 3	3840.0 2	3010.0 3	2470.0 4	1770.0 4
1939	778.0 43	753.0 40	702.0 38	579.0 37	498.0 38	486.0 36	421.0 35	387.0 34	362.0 30
1940	4610.0 11	4220.0 11	3460.0 11	2430.0 14	2070.0 15	1810.0 12	1380.0 14	1100.0 14	732.0 19
1941	1450.0 34	1380.0 34	1250.0 32	1010.0 33	785.0 33	583.0 33	549.0 32	467.0 32	371.0 29
1942	2690.0 20	2630.0 18	2500.0 18	2410.0 15	2260.0 14	1860.0 10	1740.0 10	1480.0 10	1330.0 8
1943	7570.0 6	5270.0 8	3760.0 10	3100.0 10	2960.0 7	2750.0 6	2630.0 5	2510.0 3	1860.0 3
1944	664.0 45	610.0 45	573.0 41	543.0 38	493.0 39	329.0 39	258.0 38	202.0 38	170.0 38
1945	2390.0 21	2290.0 20	2250.0 19	1940.0 19	1400.0 22	860.0 24	648.0 27	502.0 29	357.0 31
1946	1810.0 30	1760.0 27	1720.0 24	1620.0 23	1310.0 23	843.0 25	665.0 26	612.0 25	528.0 23
1947	545.0 50	527.0 48	503.0 44	447.0 42	419.0 40	338.0 38	243.0 39	183.0 40	127.0 40
1948	632.0 48	597.0 46	494.0 45	381.0 45	229.0 46	130.0 46	92.0 46	73.0 46	52.0 46
1949	632.0 49	503.0 49	305.0 48	148.0 49	82.0 50	47.0 50	36.0 51	30.0 51	23.0 51
1950	1330.0 35	1270.0 35	1240.0 33	1140.0 32	896.0 28	706.0 29	487.0 34	369.0 36	246.0 37
1951	9180.0 4	7980.0 4	5500.0 6	4030.0 7	3800.0 5	2910.0 5	2550.0 6	2040.0 6	1420.0 6
1952	6240.0 7	6110.0 6	5670.0 5	5110.0 1	4690.0 1	4300.0 1	3720.0 1	3220.0 1	2550.0 2
1953	3050.0 16	2760.0 17	2640.0 15	2180.0 18	1680.0 19	1300.0 19	1030.0 19	792.0 20	742.0 17
1954	2050.0 26	1680.0 30	798.0 36	471.0 41	326.0 43	237.0 43	223.0 42	170.0 42	116.0 42
1955	39.0 55	35.0 54	31.0 54	29.0 54	26.0 54	25.0 53	24.0 53	23.0 53	20.0 53
1957	2100.0 25	1970.0 24	1670.0 25	1340.0 26	814.0 32	425.0 37	412.0 36	381.0 35	258.0 35
1959	662.0 47	324.0 50	145.0 52	71.0 52	39.0 52	31.0 52	27.0 52	26.0 52	21.0 52
1960	1030.0 37	574.0 47	249.0 49	119.0 50	74.0 51	40.0 51	40.0 50	33.0 50	29.0 50
1961	164.0 53	69.0 53	42.0 53	30.0 53	26.0 53	23.0 54	21.0 54	20.0 54	17.0 54
1962	930.0 40	807.0 38	692.0 39	428.0 44	387.0 41	238.0 42	166.0 43	130.0 43	92.0 44
1963	14700.0 1	9320.0 2	6440.0 2	4010.0 8	2340.0 12	1200.0 20	853.0 20	982.0 17	797.0 15
1964	449.0 51	262.0 51	146.0 51	112.0 51	85.0 49	65.0 48	52.0 48	46.0 47	37.0 48
1965	10000.0 3	8590.0 3	6230.0 3	4130.0 6	2620.0 11	1800.0 13	1390.0 13	1100.0 15	1070.0 13
1966	1570.0 31	1560.0 31	1520.0 27	1350.0 24	856.0 30	712.0 28	566.0 31	481.0 31	328.0 33
1967	6100.0 8	5760.0 7	5390.0 7	4960.0 2	4340.0 2	3810.0 3	2800.0 4	2420.0 5	1640.0 5
1968	1860.0 29	1710.0 29	1570.0 26	1200.0 28	827.0 31	635.0 31	601.0 28	524.0 27	454.0 25
1969	5140.0 9	5090.0 9	4890.0 8	4280.0 5	3830.0 4	3750.0 4	3620.0 2	3220.0 2	2570.0 1
1970	4990.0 10	4560.0 10	4280.0 9	3510.0 9	2850.0 9	2360.0 8	1870.0 7	1550.0 8	1080.0 11
1971	2200.0 22	2140.0 23	2080.0 21	1920.0 20	1800.0 18	1580.0 17	1220.0 16	1160.0 13	1090.0 10
1972	1030.0 38	852.0 37	814.0 35	770.0 34	696.0 34	608.0 32	582.0 29	541.0 26	469.0 24
1973	1560.0 32	1470.0 32	1400.0 29	1160.0 31	984.0 26	873.0 23	787.0 22	734.0 21	675.0 21
1974	3450.0 14	2940.0 15	2530.0 17	2200.0 17	1930.0 17	1840.0 11	1770.0 9	1600.0 7	1400.0 7
1975	3540.0 13	3390.0 13	3290.0 13	3030.0 11	2870.0 8	2150.0 9	1680.0 11	1460.0 11	1180.0 9
1976	663.0 46	645.0 42	627.0 40	592.0 36	554.0 36	519.0 35	495.0 33	485.0 30	442.0 28

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
59.9	99.0	258	334	447	462	693	925	583	113	57.8	55.5
13390	53060	260800	214000	378100	330900	722800	1222000	803700	46850	13780	10720
116	230	511	463	615	575	850	1106	896	216	117	104
3.33	5.08	4.12	1.83	2.03	1.67	1.71	1.66	2.03	3.01	3.99	3.12
1.93	2.33	1.98	1.38	1.38	1.25	1.23	1.20	1.54	1.92	2.03	1.87
1.46	2.42	6.31	8.18	10.9	11.3	17.0	22.6	14.3	2.75	1.42	1.36

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
334	110800	333	1.25	1.00	0.289

10351600 TRUCKEE RIVER BELOW DERBY DAM, NEAR WADSWORTH, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.29	1.29	1.59	1.78	2.00	2.05	2.36	2.53	2.17	1.59	1.43	1.41
0.39	0.71	1.00	1.15	1.00	0.99	0.66	0.55	0.65	0.31	0.19	0.21
0.62	0.84	1.00	1.07	1.00	1.00	0.81	0.74	0.81	0.56	0.43	0.45
0.57	0.04	-0.01	-0.42	-0.57	-0.71	-0.57	-0.39	0.16	1.28	1.69	1.38
0.48	0.65	0.63	0.60	0.50	0.49	0.34	0.29	0.37	0.35	0.30	0.32
5.99	6.02	7.40	8.29	9.32	9.55	11.0	11.8	10.1	7.38	6.66	6.54

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.22	0.37	0.61	-0.61	0.28	0.475

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1909	8040.0	1931	87.0	1947	545.0	1962	1590.0
1910	2250.0	1932	1980.0	1948	632.0	1963	18400.0
1916	3880.0	1933	811.0	1949	632.0	1964	826.0
1918	1900.0	1934	1080.0	1950	1330.0	1965	11400.0
1919	2790.0	1935	1490.0	1951	9180.0	1966	1810.0
1920	1190.0	1936	2170.0	1952	6240.0	1967	6830.0
1921	2040.0	1937	2160.0	1953	3050.0	1968	2360.0
1922	3750.0	1938	8970.0	1954	2050.0	1969	5970.0
1923	2960.0	1939	778.0	1955	39.0	1970	5930.0
1924	748.0	1940	4610.0	1956	6160.0	1971	2850.0
1925	2890.0	1941	1450.0	1957	2100.0	1972	1420.0
1926	964.0	1942	2670.0	1958	3720.0	1973	2030.0
1927	3090.0	1943	7570.0	1959	1430.0	1974	3770.0
1928	12000.0	1944	664.0	1960	2430.0	1975	3800.0
1929	381.0	1945	2390.0	1961	1480.0	1976	1080.0
1930	865.0	1946	1810.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.3132	3.3467 S
STANDARD DEVIATION	0.4645	0.3896 S
SKEW COEFFICIENTS		
STATION	-0.9746	-0.3766
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.1858 *
FLOOD BASE (CFS)	0.0	51.3
PROB(PEAK > BASE)	1.0000	0.9839
NUMBER OF PEAKS	62	62
PERIOD (YEARS)	62	62

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	50.5	51.3	51.3	25.7	86.2
0.9900	82.6	51.3	51.3	25.7	86.2
0.9500	277.7	485.2	465.6	347.4	632.3
0.9000	490.6	692.2	671.6	519.9	874.1
0.8000	911.9	1053.8	1038.4	830.7	1292.3
0.5000	2440.9	2284.1	2284.1	1890.8	2762.6
0.2000	5119.1	4760.1	4821.8	3878.0	6048.3
0.1000	6908.6	6880.4	7056.1	5464.5	9119.0
0.0400	8966.1	10075.1	10494.5	7738.0	14049.3
0.0200	10302.9	12809.8	13599.6	9608.6	18489.8
0.0100	11467.6	15832.6	17083.2	11617.7	23586.8

PYRAMID AND WINNEMUCCA LAKES BASIN

10351650 TRUCKEE RIVER AT WADSWORTH, NV

LOCATION.--Lat 39°38'19", long 119°16'09", in SW¼SW¼ sec.34, T.21 N., R.24 E., Washoe County, Hydrologic Unit 16050102, in Pyramid Lake Indian Reservation, on right bank 0.5 mi (0.8 km) downstream from U.S. Highway 40 bridge and 0.2 mi (0.3 km) northeast of Wadsworth.

DRAINAGE AREA.--1,719 mi^2 (4,452 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Prosser Creek, Stampede and Boca Reservoirs, other lakes, powerplants, many diversions for irrigation above and below station, and by Derby Dam which diverts water out of the basin to Lahontan Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1966		1	1	4	18	20	26	66	59	31	24	7	4	3	1	1	8	7	13	9	8	22	2	2	9	6	5	8							
1967					4	24	33	48	42	12	13	12	6	3	2	7	6	3	6	12	7	22	5	2	2	6	6	10	7	7	15	25	14	4	
1968		1		2	4	7	7	18	36	47	47	18	7	5	2	4	2	3	2	7	12	62	33	14	3	12	4	4	3						
1969			1	3	23	12	28	44	27	7	4	3	3	1	2	2	3	1	1	2	14	10	5	1	2	4	5	8	36	18	34	42	15	4	
1970					4	27	30	14	4	2	18	38	22	13		13	10	13	7	9	21	14	11	9	6	9	8	27	11	11	4	4	1	4	1
1971								10	28	12	9	1	1		7	6	10	18	25	12	5	27	49	23	27	37	17	26	15						
1972							8	40	31	16	21	9	6	10	4	10	22	21	18	8	6	53	48	28	6	1									
1973						4	7	12	19	5	12	3	2	2		2		15	57	43	18	36	58	31	14	14	9	2							
1974													1	13	12	10	15	11	21	20	18	31	38	21	18	21	21	43	35	9	4	3		
1975												3	5	22	10	20	15	20	24	33	17	11	31	64	33	10	2	6	7	12	16	4		
1976														8	8	31	48	25	40	33	31	114	25	3										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	79.0	57	2847	70.9	24	850	120	816	20.3
1	9.00	2	4018	100.0	13	97.0	80	2790	69.4	25	1000	120	696	17.3
2	11.00	2	4016	100.0	14	120.0	48	2710	67.4	26	1300	77	576	14.3
3	13.00	9	4014	99.9	15	140.0	106	2662	66.3	27	1500	134	499	12.4
4	16.00	53	4005	99.7	16	170.0	139	2556	63.6	28	1900	114	365	9.0
5	20.00	94	3952	98.4	17	210.0	137	2417	60.2	29	2300	57	251	6.2
6	24.00	139	3858	96.0	18	260.0	214	2280	56.7	30	2800	73	194	4.8
7	29.00	252	3719	92.6	19	320.0	188	2066	51.4	31	3400	78	121	3.0
8	36.00	246	3467	86.3	20	390.0	157	1878	46.7	32	4100	30	43	1.0
9	44.00	132	3221	80.2	21	470.0	402	1721	42.8	33	5000	12	13	.3
10	53.00	148	3089	76.9	22	570.0	305	1319	32.8	34	6200	1	1	
11	65.00	94	2941	73.2	23	700.0	198	1014	25.2					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1967	9.00	1	12.00	1	15.00	1	20.00	3	22.00	1	24.00	1	26.00	1	29.00	1	31.00	1
1968	17.00	4	20.00	4	28.00	5	39.00	7	58.00	7	86.00	6	173.00	6	215.00	6	305.00	8
1969	9.50	2	13.00	2	15.00	2	19.00	1	26.00	3	30.00	3	33.00	3	39.00	3	39.00	2
1970	17.00	3	17.00	3	18.00	3	20.00	2	22.00	2	24.00	2	28.00	2	29.00	2	106.00	4
1971	33.00	7	34.00	7	36.00	7	36.00	5	38.00	5	63.00	5	69.00	5	71.00	5	169.00	5
1972	29.00	6	31.00	6	32.00	6	39.00	6	56.00	6	202.00	8	323.00	9	360.00	9	360.00	9
1973	23.00	5	23.00	5	24.00	4	32.00	4	36.00	4	39.00	4	60.00	4	61.00	4	74.00	3
1974	90.00	9	95.00	9	113.00	9	131.00	9	143.00	9	222.00	9	256.00	8	273.00	8	294.00	7
1975	68.00	8	74.00	8	88.00	8	118.00	8	133.00	8	197.00	7	199.00	7	231.00	7	258.00	6
1976	106.00	10	111.00	10	116.00	10	166.00	10	207.00	10	286.00	10	366.00	10	402.00	10	438.00	10

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1966	1690.0	8	1690.0	8	1680.0	8	1500.0	8	963.0	9	771.0	9	607.0	10	531.0	10	366.0	11
1967	6030.0	2	5520.0	2	5120.0	2	4750.0	1	4240.0	1	3790.0	1	2840.0	2	2510.0	2	1720.0	2
1968	2180.0	7	2030.0	7	1810.0	7	1530.0	7	1170.0	7	915.0	8	780.0	8	717.0	8	596.0	8
1969	5360.0	3	5090.0	3	4850.0	3	4220.0	2	3780.0	2	3660.0	2	3640.0	1	3310.0	1	2750.0	1
1970	6210.0	1	5630.0	1	5220.0	1	4100.0	3	3170.0	3	2530.0	3	1980.0	3	1640.0	4	1160.0	5
1971	2190.0	6	2110.0	6	2050.0	6	1890.0	6	1790.0	6	1590.0	6	1240.0	6	1170.0	6	1080.0	6
1972	1030.0	10	863.0	10	822.0	10	777.0	10	717.0	10	634.0	10	607.0	9	569.0	9	491.0	9
1973	1650.0	9	1520.0	9	1450.0	9	1210.0	9	1030.0	8	948.0	7	842.0	7	777.0	7	705.0	7
1974	3710.0	4	3440.0	5	3050.0	5	2600.0	5	2220.0	5	2040.0	5	1920.0	4	1730.0	3	1520.0	3
1975	3660.0	5	3530.0	4	3480.0	4	3210.0	4	3060.0	4	2280.0	4	1810.0	5	1550.0	5	1260.0	4
1976	741.0	11	734.0	11	694.0	11	662.0	11	603.0	11	547.0	11	532.0	11	528.0	11	485.0	10

10351650 TRUCKEE RIVER AT WADSWORTH, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
186	198	396	818	802	1009	913	1324	1136	405	219	198
41210	25750	43110	373000	449400	384700	1096000	1621000	1777000	145600	42860	32170
203	160	208	611	670	620	1047	1273	1333	382	207	179
1.56	0.32	-0.39	1.38	1.31	1.19	2.05	0.76	1.24	0.95	1.51	0.74
1.09	0.81	0.52	0.75	0.84	0.61	1.15	0.96	1.17	0.94	0.94	0.91
2.44	2.60	5.20	10.8	10.5	13.3	12.0	17.4	14.9	5.33	2.89	2.60

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
641	130500	361	0.89	0.56	-0.400

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
2.03	2.10	2.50	2.81	2.74	2.92	2.72	2.80	2.65	2.32	2.15	2.09
0.23	0.23	0.14	0.10	0.20	0.09	0.28	0.45	0.52	0.38	0.21	0.22
0.48	0.48	0.37	0.31	0.45	0.30	0.53	0.67	0.72	0.62	0.46	0.47
0.34	-0.37	-1.73	0.12	-0.94	-0.88	-0.64	-0.64	-0.38	-0.54	-0.17	0.12
0.24	0.23	0.15	0.11	0.16	0.10	0.20	0.24	0.27	0.27	0.21	0.22
6.81	7.05	8.38	9.42	9.19	9.80	9.11	9.39	8.89	7.77	7.19	7.01

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.74	0.07	0.26	-0.17	0.09	-0.434

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1966	2020.0	1969	6780.0	1972	1650.0	1975	3960.0
1967	6580.0	1970	7790.0	1973	2050.0	1976	1130.0
1968	2340.0	1971	2490.0	1974	4270.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.4929	3.4929
STANDARD DEVIATION	0.2777	0.2777
SKEW COEFFICIENTS		
STATION	0.1078	0.1078
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	11

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	639.5	599.3	370.6	212.5	1009.6
0.9900	739.7	703.0	490.2	271.5	1142.9
0.9500	1108.8	1086.9	922.0	525.4	1618.1
0.9000	1381.7	1371.1	1225.7	740.7	1964.1
0.8000	1810.9	1816.5	1713.8	1107.4	2517.8
0.5000	3075.7	3111.2	3111.2	2212.2	4375.4
0.2000	5309.4	5328.7	5647.9	3844.4	8740.6
0.1000	7109.4	7059.6	7897.1	4928.3	13067.9
0.0400	9754.3	9529.1	11440.6	6320.8	20390.6
0.0200	11998.5	11566.5	15223.0	7382.8	27328.3
0.0100	14481.9	13768.9	19747.7	8468.9	35651.6

10351700 TRUCKEE RIVER NEAR NIXON, NV

LOCATION.--Lat 39°46'40", long 119°20'10", in SW¼NW¼ sec.18, T.22 N., R.24 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, on right bank 1.0 mi (1.6 km) upstream from Numana Dam, 4 mi (6 km) south of Nixon, and 13 mi (21 km) upstream from mouth.

DRAINAGE AREA.--1,815 mi^2 (4,701 km^2).

REMARKS.--Flow regulated by Lake Tahoe, Prosser Creek, Stampede and Boca Reservoirs, other lakes, powerplants, and many diversions for irrigation. Truckee Canal often diverts much of the flow at Derby Dam, about 25 mi (40 km) upstream, out of basin to Lahontan Reservoir. Several diversions for irrigation between station and Truckee Canal. One irrigation canal diverts between station and mouth of river.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1958							8	21	120	64	19	8	8	6	3	4	3	3	1	3	5	3	3	8	9	3	2	2	9	5	23	20	2		
1959					3	33	58	65	127	51	6	3	2	12			2	1	1			1													
1960		7	6	15	11	38	174	63	31	5	4	2	1	1	1	1	1	1	2	1				1											
1961			3	13	28	123	101	81	12	2	1					1																			
1962				28	72	104	66	30	10	6	3	3	3	4	4	3	4	6	3	3	2	4	3	4											
1963						3	31	56	98	28	12	12	7	4	5	2	5	4	5	7	4	13	10	14	15	5	3	11	4	4		1		1	1
1964						3	15	67	80	79	37	23	19	6	4	2	4	19	5	3															
1965							5	49	30	10	44	14	11	3	5	2	2	3	8	16	17	34	29	28	23	11	8	4	2	1	1	2	2	1	
1966							4	33	53	57	62	24	18	14	3	3	6	8	9	17	22	6		13	4	9									
1967								8	68	51	29	23	15	5		5	9	3	8	18	21	8	2	3	8	8	8	8	10	25	19	3			
1968								12	19	29	68	45	19	3	7	1	3	5	3	17	67	38	6	7	8	6	3								
1969								18	54	53	21	3	7		2	2	3	2	2	14	12	5	1	1	8	7	36	19	31	50	14				
1970								35	28	15	5	47	20	11	14	7	17	11	7	17	25	15	5	12	8	11	25	12	7	4	6	1			
1971										17	31	7	4	3	6	10	16	26	12	13	30	50	25	34	31	24	23	3							
1972								6	25	34	32	23	11	6	11	24	22	24	7	12	55	41	29	4											
1973									5	16	24	15	5	1	2	1	2	53	44	28	40	59	31	18	18	3									
1974													1	11	15	16	9	25	18	24	38	33	26	18	23	37	41	23	3	4					
1975														8	27	26	18	32	32	29	12	47	62	20	7	2	9	4	20	10					
1976															14	37	58	43	43	29	116	26													

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	6940	100.0	12	85.0	146	3488	50.3	24	1100	156	809	11.6
1	8.10	7	6940	100.0	13	110.0	81	3342	48.2	25	1400	125	653	9.4
2	10.00	9	6933	99.9	14	130.0	122	3261	47.0	26	1700	158	528	7.6
3	12.00	59	6924	99.8	15	160.0	150	3139	45.2	27	2100	93	370	5.3
4	15.00	147	6865	98.9	16	200.0	198	2989	43.1	28	2600	82	277	3.9
5	19.00	349	6718	96.8	17	250.0	253	2791	40.2	29	3200	121	195	2.8
6	24.00	534	6369	91.8	18	310.0	209	2538	36.6	30	4000	60	74	1.0
7	29.00	718	5835	84.1	19	380.0	250	2329	33.6	31	5000	9	14	.2
8	36.00	627	5117	73.7	20	470.0	465	2079	30.0	32	6200	2	5	
9	45.00	385	4490	64.7	21	590.0	382	1614	23.3	33	7600	2	3	
10	56.00	370	4105	59.1	22	730.0	237	1232	17.8	34	9500	1	1	
11	69.00	247	3735	53.8	23	900.0	186	995	14.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1959	21.00	6	22.00	6	23.00	6	25.00	6	27.00	7	28.00	5	37.00	8	38.00	6	44.00	7
1960	14.00	4	15.00	4	15.00	4	16.00	4	18.00	4	20.00	4	21.00	3	21.00	2	24.00	2
1961	8.10	1	9.00	1	9.40	1	11.00	1	12.00	1	17.00	1	21.00	4	24.00	4	26.00	3
1962	10.00	2	11.00	2	12.00	2	14.00	2	16.00	3	18.00	3	18.00	1	18.00	1	22.00	1
1963	12.00	3	12.00	3	13.00	3	14.00	3	15.00	2	17.00	2	19.00	2	22.00	3	59.00	9
1964	26.00	7	26.00	7	26.00	7	26.00	7	26.00	6	29.00	6	31.00	6	39.00	7	40.00	5
1965	17.00	5	17.00	5	20.00	5	24.00	5	25.00	5	29.00	7	30.00	5	30.00	5	32.00	4
1966	42.00	12	43.00	12	46.00	12	51.00	12	57.00	13	60.00	12	69.00	11	127.00	13	212.00	13
1967	26.00	8	28.00	8	30.00	8	32.00	8	33.00	8	35.00	8	37.00	7	40.00	8	43.00	6
1968	52.00	15	55.00	15	56.00	15	63.00	15	76.00	14	110.00	14	194.00	14	237.00	14	323.00	16
1969	29.00	9	31.00	9	32.00	9	33.00	9	38.00	10	42.00	10	46.00	10	53.00	10	52.00	8
1970	33.00	11	34.00	11	34.00	10	34.00	10	34.00	9	37.00	9	42.00	9	44.00	9	124.00	11
1971	47.00	13	49.00	13	50.00	13	51.00	13	55.00	12	78.00	13	88.00	13	88.00	12	185.00	12
1972	50.00	14	52.00	14	54.00	14	60.00	14	78.00	15	219.00	15	325.00	17	364.00	17	362.00	17
1973	30.00	10	32.00	10	34.00	11	36.00	11	41.00	11	47.00	11	74.00	12	70.00	11	83.00	10
1974	104.00	16	114.00	16	123.00	16	137.00	16	150.00	16	226.00	16	265.00	16	283.00	16	305.00	15
1975	113.00	17	116.00	17	130.00	17	146.00	17	164.00	17	227.00	17	227.00	15	254.00	15	280.00	14
1976	132.00	18	140.00	18	145.00	18	193.00	18	223.00	18	294.00	18	368.00	18	410.00	18	454.00	18

10351850 PYRAMID LAKE TRIBUTARY NEAR NIXON, NV

LOCATION.--Lat 39°51'30", long 119°28'32", in SW¼SE¼ sec.14, T.23 N., R.22 E., Washoe County, Hydrologic Unit 16050103, at bridge on Southern Pacific Railroad, 6.5 mi (10.5 km) west of Nixon.

DRAINAGE AREA.--1.94 mi^2 (5.02 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	0	1971	11.0	1973	25.0	1975	0
1969	160.0	1972	0	1974	16.0	1976	0
1970	10.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.0382 S	0.8942 S
STANDARD DEVIATION	0.5327 S	0.7459 S
SKEW COEFFICIENTS		
STATION	1.7163	1.7163
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.5556	0.5556
NUMBER OF PEAKS	5	5
PERIOD (YEARS)	9	9

S - SYNTHETIC

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	7.8	7.8	7.8	2.8	22.0
0.2000	24.4	33.3	40.3	12.7	156.8
0.1000	55.3	70.8	102.4	24.7	497.2
0.0400	158.5	158.5	302.7	47.8	1788.2
0.0200	347.1	266.7	664.2	71.9	4156.1
0.0100	754.5	426.0	1508.9	103.2	8940.1

10352500 MCDERMITT CREEK NEAR MCDERMITT, NV

LOCATION.--Lat 41°58'00", long 117°50'01", in SE¼SE¼ sec.8, T.47 N., R.37 E., Humboldt County, Hydrologic Unit 16040201, on right bank at mouth of canyon, 6.5 mi (10.5 km) southwest of McDermitt.

DRAINAGE AREA.--225 mi^2 (583 km^2).

REMARKS.--One diversion for about 1,500 acres (6.07 km^2) above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949						1	18	21	19	7	22	56	45	41	15	12	15	7	10	15	13	10	12	15	7	4									
1950								6	4	42	36	61	43	14	9	7	8	22	15	21	28	36	6	4	3										
1951								1	31	13	17	34	20	37	23	23	23	16	9	20	7	23	15	22	19	10	2								
1952											8	21	43	51	47	7	23	26	19	5	10	15	10	3	7	12	11	10	9	14	8	6	1		
1953											30	13	20	51	32	20	16	8	25	40	28	39	11	18	8	4	1	1							
1954							1	24	22	14	11	27	13	53	44	21	32	34	41	22	2	1	1		1		1								
1955	8	1		1	1	4	7	4	6	21	12	61	80	50	27	19	10	19	16	15	2	1													
1956									6	28	54	22	16	21	19	6	6	8	39	24	11	9	11	28	33	16	2	1	2	2	2				
1957									12	35	19	10	20	40	40	23	22	7	15	7	9	28	28	24	10	7	3	1	2	2	1				
1958						10	10	13	4	1	1	12	29	50	27	18	20	11	14	18	14	8	18	27	22	16	7	5	5	4		1			
1959	27	8	6	2	1	2		2	1	14	13	18	30	34	63	65	36	24	11	7	1														
1960	46	1	1		1		1	2	3	9	16	35	53	39	20	12	21	4	23	36	12	4	8	8	4	3	4								
1961	25	7	4	1	4	4	13	5	11	10	17	33	33	29	36	21	30	26	25	17	8	4	1		1										
1962	22	14	2	1	2	2	3	5	4	9	14	38	33	54	28	9	11	6	13	15	17	13	13	8	4	10	2	2	9	1		1			
1963				2	5	2	6	12	22	21	39	11	23	37	12	36	40	22	18	26	21	4	2	1				1			1	1			
1964			10	8	11	12		6	8	19	19	32	51	42	19	9	9	17	18	27	22	15	6	3	3										
1965						8	5	3	5	4	26	29	23	35	6	16	24	17	46	50	26	17	17	4		3	1								
1966	54	1		6	2	21	3	6	2	2	6	17	22	50	42	35	49	17	7	12	9		2												
1967	3					1	8	8	16	17	15	17	32	24	22	15	11	9	20	21	29	31	22	22	14	6		1		1					
1968	9	5	13	6	17	16	15	11	4	10	21	37	37	41	43	27	28	11	7	2	1	2	2		1										
1969					4	9	22	11	19	8	4	22	5	14	46	20	14	20	15	18	16	17	6	14	12	15	3	12	9	6	3	1			
1970			7	6	5	2	2	3	15	10	17	35	26	37	10	5	9	14	19	48	43	26	16	6		1	1		2						
1971								2	3	8	28	27	26	17	16	15	21	21	16	27	23	41	32	23	10	3	1	1	2	2					
1972									9	36	11	9	27	80	37	17	8	6	10	47	26	15	7	6	2	2	5	5	1						
1973								3	5	6	14	16	32	40	36	19	21	24	23	19	21	10	12	32	11	13	7	1							
1974											6	35	35	24	10	7	44	42	26	18	6	12	20	19	24	15	14	3	5						
1975											1	9	53	68	34	12	24	10	15	8	5	17	26	19	9	22	16	11	6						
1976									1	8	11	7	24	20	75	45	30	28	19	30	33	16	16	1	1	1									

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	194	10227	100.0	12	3.8	853	7787	76.1	24	110	216	636	6.2
1	0.10	37	10033	98.1	13	5.0	1005	6934	67.8	25	140	167	420	4.1
2	0.20	33	9996	97.7	14	6.6	905	5929	58.0	26	190	80	253	2.4
3	0.30	33	9963	97.4	15	8.7	580	5024	49.1	27	250	53	173	1.6
4	0.40	47	9930	97.1	16	11.0	622	4444	43.5	28	330	56	120	1.1
5	0.50	88	9883	96.6	17	15.0	504	3822	37.4	29	430	37	64	.6
6	0.70	125	9795	95.8	18	20.0	506	3318	32.4	30	570	15	27	.2
7	0.90	138	9670	94.6	19	26.0	553	2812	27.5	31	750	10	12	.1
8	1.20	209	9532	93.2	20	35.0	461	2259	22.1	32	990	2	2	
9	1.60	307	9323	91.2	21	46.0	479	1798	17.6	33				
10	2.10	446	9016	88.2	22	61.0	350	1319	12.9	34				
11	2.80	783	8570	83.8	23	81.0	333	969	9.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1950	0.70 13	0.73 13	0.77 13	0.86 12	0.91 12	1.10 9	1.70 8	2.20 7	2.40 2
1951	1.00 17	1.00 18	1.10 16	1.40 17	1.90 19	2.50 19	2.80 16	3.30 16	5.80 18
1952	1.10 19	1.20 19	1.20 17	1.30 16	1.40 14	1.70 13	2.10 13	2.60 10	3.80 11
1953	3.80 26	4.00 26	4.20 27	4.30 27	4.90 27	5.20 26	5.30 26	5.60 25	8.20 27
1954	2.10 23	2.10 22	2.20 22	2.40 22	2.50 22	2.90 20	3.60 21	4.40 22	5.60 17
1955	0.80 14	0.87 14	0.90 14	0.97 13	1.10 13	1.30 12	1.90 11	2.30 8	2.90 7
1956	0.00 1	0.00 1	0.00 1	0.20 7	0.58 8	1.20 10	1.70 9	2.00 6	3.20 8
1957	1.40 20	1.40 20	1.50 20	1.60 19	1.80 18	2.00 16	2.80 17	3.80 18	5.90 19
1958	1.40 21	1.40 21	1.50 21	1.60 20	1.60 16	1.90 14	2.80 18	3.40 17	5.00 15
1959	0.51 12	0.53 12	0.60 12	0.61 11	0.78 11	2.00 17	3.10 19	4.20 20	5.50 16
1960	0.00 2	0.00 2	0.00 2	0.00 1	0.03 3	0.49 5	1.20 5	1.80 5	2.70 5

10352500 MCDERMITT CREEK NEAR MCDERMITT, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1961	0.00 3	0.00 3	0.00 3	0.00 2	0.00 1	0.09 1	0.86 3	1.60 3	2.90 6
1962	0.00 4	0.00 4	0.00 4	0.00 3	0.10 5	0.67 6	0.95 4	1.60 4	2.50 3
1963	0.00 5	0.00 5	0.00 5	0.00 4	0.03 4	0.34 3	1.50 7	3.00 13	4.20 13
1964	1.00 18	1.00 15	1.10 15	1.20 15	1.50 15	2.00 18	2.10 14	2.80 11	3.60 9
1965	0.30 10	0.30 10	0.31 9	0.39 9	0.49 7	0.68 7	1.40 6	2.60 9	6.70 23
1966	2.00 22	2.20 23	2.50 23	3.70 25	3.90 25	4.40 25	4.90 24	5.40 24	6.20 21
1967	0.00 6	0.00 6	0.00 6	0.00 5	0.00 2	0.10 2	0.22 1	0.47 1	2.10 1
1968	0.00 7	0.00 7	0.59 11	1.10 14	1.80 17	1.90 15	2.40 15	3.20 15	4.00 12
1969	0.00 8	0.00 8	0.04 7	0.11 6	0.26 6	0.44 4	0.52 2	0.69 2	2.50 4
1970	0.40 11	0.44 11	0.46 10	0.57 10	0.75 10	1.10 8	2.00 12	2.80 12	3.60 10
1971	0.21 9	0.23 9	0.28 8	0.31 8	0.62 9	1.20 11	1.80 10	3.10 14	6.00 20
1972	0.90 15	1.00 16	1.30 19	2.00 21	2.20 20	3.00 22	5.00 25	5.90 26	8.10 26
1973	2.50 24	2.60 25	2.60 24	2.70 23	2.90 23	3.50 24	4.50 23	5.30 23	7.60 24
1974	1.00 16	1.00 17	1.20 18	1.50 18	2.50 21	2.90 21	3.40 20	4.00 19	6.70 22
1975	2.50 25	2.50 24	2.60 25	2.70 24	2.90 24	3.30 23	3.80 22	4.40 21	4.90 14
1976	4.10 27	4.10 27	4.20 26	4.30 26	4.40 26	5.40 27	6.30 27	6.80 27	7.80 25

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	179.0 21	158.0 19	130.0 18	123.0 16	99.0 17	78.0 16	61.0 16	49.0 17	34.0 19
1950	118.0 25	113.0 22	96.0 21	73.0 21	63.0 21	52.0 21	49.0 21	43.0 21	32.0 21
1951	215.0 17	184.0 17	163.0 15	128.0 14	120.0 12	103.0 11	89.0 11	80.0 10	57.0 13
1952	992.0 2	863.0 2	688.0 1	659.0 1	613.0 1	451.0 1	339.0 1	267.0 1	181.0 1
1953	277.0 15	179.0 18	152.0 17	125.0 15	108.0 15	81.0 15	69.0 14	59.0 15	52.0 14
1954	206.0 19	129.0 21	77.0 22	48.0 23	33.0 23	29.0 23	27.0 23	24.0 23	19.0 23
1955	49.0 27	33.0 27	30.0 27	27.0 27	25.0 27	22.0 26	18.0 26	15.0 26	12.0 26
1956	690.0 6	486.0 7	303.0 10	215.0 10	165.0 8	140.0 8	118.0 7	99.0 7	89.0 6
1957	589.0 8	499.0 6	401.0 7	256.0 9	161.0 9	119.0 9	111.0 9	99.0 8	69.0 8
1958	882.0 3	501.0 5	412.0 5	327.0 5	231.0 7	171.0 5	162.0 4	143.0 4	102.0 4
1959	36.0 28	32.0 28	27.0 28	23.0 28	19.0 28	17.0 28	15.0 27	14.0 27	12.0 27
1960	212.0 18	208.0 16	187.0 14	136.0 13	109.0 14	71.0 17	56.0 18	46.0 20	33.0 20
1961	126.0 23	77.0 25	46.0 25	34.0 25	31.0 24	25.0 24	22.0 24	21.0 24	17.0 24
1962	820.0 5	418.0 9	403.0 6	336.0 4	241.0 5	151.0 7	116.0 8	97.0 9	67.0 10
1963	2800.0 1	1280.0 1	585.0 2	285.0 7	150.0 11	83.0 14	69.0 15	64.0 14	47.0 16
1964	187.0 20	137.0 20	117.0 20	105.0 20	81.0 18	60.0 18	57.0 17	48.0 18	35.0 18
1965	257.0 16	235.0 14	161.0 16	106.0 19	73.0 20	59.0 19	52.0 19	54.0 16	50.0 15
1966	80.0 26	62.0 26	40.0 26	34.0 26	31.0 25	23.0 25	19.0 25	17.0 25	14.0 25
1967	436.0 10	219.0 15	129.0 19	122.0 17	111.0 13	87.0 12	80.0 13	70.0 13	61.0 12
1968	126.0 24	84.0 24	65.0 24	41.0 24	26.0 26	18.0 27	14.0 28	13.0 28	11.0 28
1969	850.0 4	591.0 3	547.0 3	468.0 2	391.0 2	268.0 2	201.0 2	159.0 2	120.0 2
1970	387.0 13	316.0 12	193.0 12	118.0 18	81.0 19	58.0 20	49.0 20	47.0 19	43.0 17
1971	562.0 9	485.0 8	274.0 11	157.0 12	105.0 16	87.0 13	83.0 12	76.0 11	68.0 9
1972	628.0 7	533.0 4	470.0 4	383.0 3	246.0 4	160.0 6	126.0 6	107.0 6	80.0 7
1973	329.0 14	241.0 13	190.0 13	185.0 11	152.0 10	116.0 10	92.0 10	76.0 12	66.0 11
1974	416.0 11	399.0 10	347.0 8	283.0 8	231.0 6	175.0 4	146.0 5	120.0 5	92.0 5
1975	388.0 12	344.0 11	341.0 9	317.0 6	275.0 3	217.0 3	173.0 3	147.0 3	105.0 3
1976	143.0 22	110.0 23	75.0 23	60.0 22	56.0 22	50.0 22	45.0 22	41.0 22	31.0 22

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
4.01	6.40	11.1	25.4	38.8	62.6	102	73.2	34.7	9.52	2.58	2.15
2.61	4.15	119	724	1481	3035	15010	3741	637	57.9	4.11	2.88
1.62	2.04	10.9	26.9	38.5	55.1	123	61.2	25.2	7.61	2.03	1.70
0.95	0.63	2.55	1.13	1.96	1.79	2.90	1.97	1.11	1.67	1.21	1.07
0.40	0.32	0.98	1.06	0.99	0.88	1.20	0.84	0.73	0.80	0.79	0.79
1.08	1.72	2.99	6.81	10.4	16.8	27.4	19.6	9.31	2.55	0.69	0.58

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
30.9	402	20.0	1.17	0.65	-0.016

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.57	0.79	0.92	1.16	1.42	1.65	1.79	1.73	1.43	0.82	0.26	0.18
0.03	0.02	0.09	0.23	0.15	0.14	0.20	0.13	0.11	0.18	0.19	0.20
0.17	0.14	0.30	0.47	0.38	0.38	0.45	0.36	0.33	0.43	0.43	0.45
0.05	0.07	0.96	0.37	0.17	-0.09	-0.14	-0.25	-0.21	-1.18	-1.16	-1.44
0.30	0.17	0.33	0.41	0.27	0.23	0.25	0.20	0.23	0.52	1.70	2.47
4.48	6.17	7.26	9.10	11.2	12.9	14.1	13.6	11.2	6.48	2.01	1.43

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.40	0.09	0.31	-0.38	0.22	-0.033

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1949	248.0	1956	2100.0	1963	3970.0	1970	740.0
1950	346.0	1957	1270.0	1964	214.0	1971	1000.0
1951	401.0	1958	1920.0	1965	446.0	1972	784.0
1952	1240.0	1959	52.0	1966	178.0	1973	3970.0
1953	694.0	1960	298.0	1967	1660.0	1974	565.0
1954	322.0	1961	209.0	1968	180.0	1975	440.0
1955	109.0	1962	1800.0	1969	2820.0	1976	318.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7681	2.7681
STANDARD DEVIATION	0.4792	0.4792
SKEW COEFFICIENTS		
STATION	-0.0250	-0.0250
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0010 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	28	28
PERIOD (YEARS)	28	28

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	33.3	34.1	25.6	13.8	62.6
0.9900	44.1	45.0	35.9	19.5	79.1
0.9500	94.7	95.4	86.4	49.8	150.9
0.9000	142.1	142.5	132.2	81.5	214.8
0.8000	231.9	231.6	222.9	145.7	333.8
0.5000	589.0	586.4	586.4	412.4	833.7
0.2000	1485.9	1484.1	1541.9	1029.8	2359.0
0.1000	2404.2	2411.1	2600.0	1600.0	4217.9
0.0400	4008.3	4045.1	4572.8	2519.4	7962.5
0.0200	5570.6	5650.4	6761.7	3359.4	12069.7
0.0100	7484.5	7631.8	9553.0	4340.5	17590.8

10353000 EAST FORK QUINN RIVER NEAR MCDERMITT, NV

LOCATION.--Lat 41°59'00", long 117°35'00", in sec.9, T. 47 N., R.39 E., Humboldt County, Hydrologic Unit 16040201, in Fort McDermitt Indian Reservation, on right bank 1 mi (2 km) downstream from South Fork and 7 mi (11 km) east of McDermitt.

DRAINAGE AREA.--140 mi^2 (363 km^2), approximately.

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1949							16	29	19	16	19	53	62	17	9	5	5	5	17	5	22	7	4	9	7	16	13	5	5						
1950					3	7	12	13	21	17	10	52	52	12	5	3	22	22	13	12	12	9	29	31	5		1	2							
1951					3	6	50	11	5	2	21	27	17	14	17	16	15	13	10	25	17	9	20	19	20	11	12	2	3						
1952								4	10	5	8	40	49	50	15	6	6	8	31	25	6	3	9	9	2	4	10	13	16	11	11	8	6	1	
1953						5	11	22	23	9	9	15	55	36	10	7	21	47	36	15	7	9	9	7	10	1	1								
1954						34	38	14	18	7	13	19	44	45	30	10	15	30	23	16	5	2	1	1											
1955			5	13	6	11	17	8	7	2	26	37	57	26	34	17	7	7	12	10	5	6	9	14	11	8	7	3							
1956							6	28	38	17	15	16	18	17	13	6	2	4	26	24	16	13	9	9	27	41	9	3	4	1	1	1	1	1	
1957								3	54	14	4	31	14	31	51	11	12	9	9	8	5	6	11	27	27	12	13	4	4	3	2				
1958									2	18	66	21	39	40	12	6	15	13	10	16	16	15	15	12	6	16	11	5	3	5	3				
1959							12	38	15	12	10	25	47	58	55	15	14	39	13	3	7	2													
1960						5	21	28	28	5	5	78	46	14	16	13	11	8	8	24	23	4	6	3	5	7	4	4							
1961					4	26	20	16	25	12	8	23	21	36	19	28	26	28	23	7	15	7	3	7	6	2	1	1	1						
1962								45	24	22	16	21	43	36	24	18	11	13	15	10	14	5	12	7	4	3	3	6	5	2	4	2			
1963								16	42	15	14	47	33	24	16	16	18	28	30	11	19	18	9	6		1		1		1					
1964								12	28	27	22	24	35	62	41	6	4	9	7	10	8	13	12	15	12	6	8	5							
1965										18	31	28	32	22	13	9	10	10	5	27	47	34	30	17	10	7	9	2	2	2					
1966						12	54	14	14	3	8	14	81	65	18	4	5	10	20	12	9	11	4	3	4										
1967								3	22	55	29	44	25	6	3	7	7	34	16	6	10	25	20	19	14	8	9	2	1						
1968					7	11	9	10	12	12	59	69	28	33	37	18	28	14	6	4	2	2	2		1	1			1						
1969								7	47	8	24	18	8	17	32	10	19	16	28	33	12	10	7	6	6	11	14	5	9	11	5	2			
1970								3	11	10	32	75	36	9	7	2	2	4	11	39	47	22	17	13	5	12	4	1	1	1					1
1971											16	39	21	13	29	13	22	36	25	16	23	13	19	24	16	23	3	4	4	2	1	2	1		
1972										14	25	29	14	39	49	22	14	14	9	9	6	19	20	28	12	6	11	3	7	4	6	5	1		
1973									28	28	14	29	36	20	26	3	33	20	20	23	21	15	9	7	9	7	3	5	9						
1974									24	44	6	17	34	14	29	30	22	15	16	12	8	10	10	19	11	14	17	6	3	4					
1975										3	6	72	66	30	13	10	14	18	6	4	4	7	15	18	19	13	15	11	7	5	4	5			
1976									2	13	22	31	23	38	47	46	24	15	14	12	14	13	6	5	8	9	19	3	2						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	10227	100.0	12	3.9	986	6966	68.1	24	76	274	976	9.5
1	0.10	5	10227	100.0	13	5.0	827	5980	58.5	25	97	196	702	6.8
2	0.30	13	10222	100.0	14	6.4	674	5153	50.4	26	120	192	506	4.9
3	0.40	6	10209	99.8	15	8.2	349	4479	43.8	27	160	100	314	3.0
4	0.50	28	10203	99.8	16	10.0	397	4130	40.4	28	200	86	214	2.0
5	0.70	129	10175	99.5	17	13.0	518	3733	36.5	29	260	50	128	1.2
6	0.90	279	10046	98.2	18	17.0	458	3215	31.4	30	340	39	78	.7
7	1.10	333	9767	95.5	19	22.0	399	2757	27.0	31	430	28	39	.3
8	1.40	491	9434	92.2	20	28.0	398	2358	23.1	32	550	9	11	.1
9	1.90	414	8943	87.4	21	36.0	309	1960	19.2	33	700	2	2	
10	2.40	502	8529	83.4	22	46.0	322	1651	16.1	34				
11	3.00	1061	8027	78.5	23	59.0	353	1329	13.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1950	1.00 12	1.00 11	1.00 10	1.00 10	1.10 11	1.20 10	1.70 11	2.20 13	2.80 7
1951	0.51 3	0.57 3	0.67 4	0.77 4	0.94 7	1.30 11	1.70 12	2.10 9	4.80 22
1952	0.60 4	0.63 4	0.71 5	0.79 5	0.84 4	0.90 5	1.10 5	1.60 5	2.60 4
1953	2.70 25	2.70 25	2.80 25	3.10 26	3.80 27	4.00 26	4.10 25	4.10 24	5.20 23
1954	0.80 8	0.80 7	0.86 8	0.88 8	1.00 8	1.20 6	1.40 7	1.90 7	3.00 9
1955	0.80 9	0.80 8	0.80 6	0.80 6	0.83 3	0.85 2	1.00 3	1.40 3	2.00 2
1956	0.20 1	0.20 1	0.23 1	0.28 1	0.34 1	0.55 1	0.71 1	1.10 1	2.60 3
1957	1.00 13	1.00 12	1.00 11	1.00 11	1.10 9	1.20 7	1.50 8	2.10 10	4.60 20
1958	1.30 19	1.40 20	1.50 20	1.50 18	1.60 18	1.70 16	2.20 18	2.60 19	4.50 19
1959	2.60 24	2.60 24	2.60 24	2.80 24	2.90 24	3.20 23	3.40 23	3.70 22	4.30 17
1960	0.90 11	0.97 10	1.10 12	1.10 12	1.20 12	1.20 8	1.60 10	2.10 11	2.70 5
1961	0.80 10	0.83 9	0.90 9	0.93 9	1.10 10	1.20 9	1.30 6	1.70 6	3.60 15
1962	0.60 5	0.63 5	0.66 3	0.73 3	0.77 2	0.87 3	1.10 4	1.50 4	2.80 6
1963	1.10 14	1.10 13	1.20 13	1.20 13	1.30 13	1.30 12	1.50 9	2.00 8	3.00 10
1964	1.20 17	1.20 14	1.20 14	1.30 14	1.40 14	1.50 14	1.80 13	2.30 14	3.30 14
1965	1.10 15	1.20 15	1.30 15	1.30 15	1.50 16	1.70 17	2.00 14	2.50 17	6.00 24
1966	2.10 23	2.20 23	2.50 23	2.70 23	2.70 23	3.50 24	4.00 24	4.10 23	4.30 16
1967	0.70 6	0.73 6	0.80 7	0.81 7	0.86 6	0.90 4	1.00 2	1.30 2	1.80 1
1968	0.70 7	1.30 16	1.40 19	1.70 21	1.90 20	2.00 20	2.20 19	2.50 18	3.00 11
1969	0.51 2	0.57 2	0.64 2	0.72 2	0.85 5	1.40 13	2.10 17	2.20 12	3.10 12
1970	1.20 16	1.30 17	1.30 16	1.30 16	1.40 15	1.60 15	2.00 15	2.40 15	2.90 8

10353000 EAST FORK QUINN RIVER NEAR MCDERMITT, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1971	1.30 18	1.30 18	1.40 17	1.60 19	2.00 21	2.90 22	3.30 22	4.40 25	7.70 27
1972	2.90 26	2.90 26	2.90 26	2.90 25	3.10 25	3.50 25	4.40 26	4.70 26	6.10 25
1973	2.00 22	2.10 22	2.10 22	2.30 22	2.40 22	2.70 21	3.20 21	3.60 21	4.80 21
1974	1.40 20	1.40 19	1.40 18	1.40 17	1.60 17	1.90 18	2.30 20	2.70 20	4.40 18
1975	1.60 21	1.70 21	1.70 21	1.70 20	1.80 19	1.90 19	2.10 16	2.50 16	3.20 13
1976	2.90 27	3.00 27	3.20 27	3.50 27	3.70 26	4.20 27	4.40 27	5.60 27	6.40 26

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	227.0 18	217.0 15	205.0 13	182.0 11	144.0 9	116.0 8	88.0 10	70.0 11	48.0 14
1950	188.0 22	162.0 21	114.0 20	85.0 22	75.0 21	66.0 19	56.0 18	47.0 19	35.0 19
1951	257.0 14	245.0 12	189.0 14	131.0 17	111.0 14	91.0 13	82.0 11	73.0 9	54.0 11
1952	704.0 2	656.0 1	539.0 1	477.0 1	459.0 1	343.0 1	268.0 1	210.0 1	144.0 1
1953	122.0 25	100.0 25	91.0 23	84.0 23	70.0 22	44.0 23	37.0 23	31.0 24	26.0 22
1954	67.0 27	42.0 27	33.0 27	29.0 27	25.0 27	22.0 27	19.0 26	16.0 26	12.0 27
1955	133.0 24	128.0 24	113.0 21	98.0 20	82.0 20	64.0 21	48.0 21	38.0 21	27.0 21
1956	646.0 5	428.0 8	233.0 11	148.0 13	106.0 16	91.0 14	77.0 13	68.0 12	64.0 8
1957	361.0 10	334.0 10	239.0 10	194.0 9	131.0 12	115.0 9	110.0 6	95.0 6	66.0 7
1958	520.0 6	464.0 4	421.0 4	309.0 5	226.0 5	153.0 5	137.0 5	116.0 4	81.0 5
1959	39.0 28	36.0 28	29.0 28	23.0 28	19.0 28	17.0 28	16.0 28	14.0 28	11.0 28
1960	184.0 23	178.0 18	161.0 17	124.0 19	98.0 18	65.0 20	51.0 20	41.0 20	29.0 20
1961	217.0 19	140.0 22	98.0 22	92.0 21	67.0 23	45.0 22	38.0 22	32.0 22	23.0 24
1962	470.0 9	447.0 6	387.0 5	293.0 6	208.0 6	126.0 6	91.0 9	72.0 10	50.0 12
1963	280.0 13	174.0 19	89.0 24	49.0 26	48.0 24	40.0 24	32.0 24	31.0 23	25.0 23
1964	194.0 21	170.0 20	157.0 18	135.0 15	114.0 13	87.0 15	70.0 16	55.0 18	38.0 18
1965	286.0 12	245.0 13	181.0 16	129.0 18	88.0 19	79.0 17	62.0 17	57.0 17	56.0 10
1966	84.0 26	84.0 26	77.0 26	59.0 24	46.0 25	35.0 25	27.0 25	22.0 25	16.0 25
1967	213.0 20	186.0 17	155.0 19	134.0 16	108.0 15	86.0 16	72.0 15	60.0 15	46.0 16
1968	247.0 16	133.0 23	88.0 25	54.0 25	34.0 26	23.0 26	18.0 27	15.0 27	12.0 26
1969	480.0 7	437.0 7	379.0 6	334.0 4	273.0 4	190.0 4	138.0 4	116.0 5	86.0 4
1970	716.0 1	418.0 9	257.0 8	157.0 12	100.0 17	66.0 18	54.0 19	57.0 16	49.0 13
1971	686.0 3	507.0 3	325.0 7	190.0 10	138.0 10	113.0 10	93.0 8	88.0 7	71.0 6
1972	683.0 4	563.0 2	500.0 2	438.0 2	311.0 2	200.0 3	153.0 3	127.0 3	92.0 3
1973	250.0 15	225.0 14	213.0 12	198.0 8	150.0 8	102.0 11	77.0 14	61.0 14	47.0 15
1974	330.0 11	312.0 11	254.0 9	200.0 7	163.0 7	123.0 7	96.0 7	86.0 8	62.0 9
1975	480.0 8	463.0 5	455.0 3	361.0 3	281.0 3	202.0 2	159.0 2	136.0 2	94.0 2
1976	235.0 17	212.0 16	182.0 15	141.0 14	135.0 11	102.0 12	78.0 12	63.0 13	44.0 17

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
3.42	5.47	10.3	23.3	27.7	52.7	99.0	70.1	24.6	5.22	1.96	2.20
1.46	4.27	151	831	651	2857	8063	3450	403	19.4	1.24	1.63
1.21	2.07	12.3	28.8	25.5	53.5	89.8	58.7	20.1	4.40	1.12	1.28
1.30	0.95	2.93	1.50	1.72	3.00	2.42	2.10	1.64	2.10	1.21	0.98
0.35	0.38	1.20	1.24	0.92	1.01	0.91	0.84	0.81	0.84	0.57	0.58
1.05	1.68	3.16	7.13	8.51	16.2	30.4	21.5	7.56	1.60	0.60	0.67

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
27.1	243	15.6	1.04	0.57	0.029

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.51	0.71	0.86	1.09	1.29	1.58	1.85	1.71	1.26	0.60	0.23	0.27
0.02	0.02	0.11	0.23	0.13	0.12	0.14	0.14	0.13	0.10	0.05	0.06
0.15	0.15	0.33	0.48	0.36	0.35	0.37	0.37	0.35	0.32	0.23	0.25
-0.23	0.44	1.34	0.79	0.22	0.27	-0.22	-0.47	-0.19	0.22	0.24	0.06
0.29	0.22	0.38	0.44	0.28	0.22	0.20	0.22	0.28	0.54	1.00	0.91
4.27	5.94	7.15	9.09	10.8	13.2	15.5	14.3	10.5	5.00	1.94	2.29

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.36	0.07	0.27	-0.40	0.20	0.057

10353000 EAST FORK QUINN RIVER NEAR MCDERMITT, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1949	286.0	1956	1270.0	1963	601.0	1970	940.0
1950	394.0	1957	609.0	1964	274.0	1971	840.0
1951	380.0	1958	727.0	1965	688.0	1972	780.0
1952	940.0	1959	53.0	1966	149.0	1973	281.0
1953	190.0	1960	290.0	1967	342.0	1974	442.0
1954	88.0	1961	409.0	1968	386.0	1975	595.0
1955	208.0	1962	512.0	1969	633.0	1976	331.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.5975	2.5975
STANDARD DEVIATION	0.3139	0.3139
SKEW COEFFICIENTS		
STATION	-0.9441	-0.9441
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0378 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	28	28
PERIOD (YEARS)	28	28

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	32.9	60.0	49.3	32.9	89.6
0.9900	45.7	72.2	62.0	41.6	104.8
0.9500	102.7	119.6	111.9	78.0	161.7
0.9000	150.3	156.3	148.6	108.3	204.6
0.8000	227.9	215.7	210.3	159.3	274.1
0.5000	442.8	397.7	397.7	315.9	500.9
0.2000	733.4	728.2	746.5	573.2	986.7
0.1000	901.5	996.6	1046.1	762.1	1436.6
0.0400	1080.3	1389.8	1503.3	1020.5	2161.0
0.0200	1190.7	1721.2	1929.9	1226.9	2819.4
0.0100	1284.2	2084.7	2404.3	1444.7	3584.2

10353500 QUINN RIVER NEAR MCDERMITT, NV

LOCATION.--Lat 41°46'30", long 117°48'15", in SW¼ sec.15, T.45 N., R.37 E., Humboldt County, Hydrologic Unit 16040201, on left bank 1.5 mi (2.4 km) upstream from Flat Creek and 15.5 mi (24.9 km) south of McDermitt.

DRAINAGE AREA.--1,100 mi^2 (2,849 km^2), approximately.

REMARKS.--Several diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1949						144	58	64	12	1	1	3	2	5	3	6	3	4	6	2	3	16	18	7	7									
1950						149	79	21	3	8	6	6	21	7	5	3	2	16	16	12	10	1												
1951						51	113	49	7	5	4	4	2	2	3	3	6	10	18	10	4	9	20	25	18	2								
1952						11	43	69	8	30	13	24	11	10	7	14	4	3	4	3	6	3	7	7	12	11	7	11	10	7	19	9	3		
1953						12	44	15	9	63	27	34	24	27	22	35	7	7	3	3	3	4	12	7	7									
1954					8	81	161	65	92	3																								
1955					29	63	188	52	5	2	3	1	2		1	2	3	9	4	1														
1956						12	125	6	21	4	5	2	2	1	1	5	11	15	41	15	4	4	6	4	22	32	18	8	2						
1957						3	37	85	66	17	9	5	5	4	5	3	5	1	3	6	3	5	10	12	25	25	11	8	7	5					
1958							60	88	32	10	10	8	7	6	4	5	2	2	3	2	4	14	12	13	23	13	25	8	4	6	4				
1959						49	60	95	50	60	39	9	3																					
1960					26	52	69	114	11	1	3	12	4	4	12	5	15	9	4	3	4	4	11	3										
1961			30	29	45	194	9	4	2	6	1	7	4	2	7	6	4	2	4	6	3													
1962		6	25	10	48	111	34	33	8	6	3	2	3	2	2	3	2	1	3	11	12	5	7	5	5	3	7	4	4					
1963					49	124	35	2	3	10	5	17	13	9	25	11	19	9	16	5	5	6	1			1								
1964					30	134	103	11			2	1	1	2	1	6	3	6	4	10	19	18	12	3									
1965						56	73	36	4	2	2	1	5	5	2	5	6	6	13	33	39	33	23	8	6	5	1	1						
1966					10	110	23	59	104	11	23	4	5	5	5	1		3	2														
1967						50	110	23	19	4	4	5	2	2	4	8	5	7	34	22	7	7	7	7	17	14	6	1						
1968	33	14	21	54	70	100	36	12	3	5	3					1	2	3	1	3	2	2	1											
1969	2		1	12	23	22	19	51	24	8	18	9	1	2	4	6	3	6	15	28	21	15	6	14	8	9	7	3	12	10	5	1		
1970			1	4	19	10	63	52	19	14	5	10	11	13	4	5	3	10	10	41	29	10	17	10	2	2	1							
1971						9	38	46	33	14	12	4	8	4	8	9	3	9	10	20	9	18	21	22	35	17	8	6	2					
1972						45	80	37	17	10	5	3	2	2	7	5	7	5	3	9	21	26	18	8	20	7	5	5	5	9	4	1		
1973					32	35	78	22	3	11	6	6	6	10	3	23	15	14	6	20	20	18	8	1	4	5	7	10	2					
1974						7	94	80	4	6	7	3	2	3	3	4	9	13	18	8	7	9	10	11	14	5	20	12	11	3	2			
1975						45	80	35	17	7	5	6	2	4	7	3	4	7	9	10	6	4	9	22	14	15	16	10	11	7	3	7		
1976						8	34	50	15	4	8	33	15	32	15	21	15	16	13	9	15	4	8	14	8	21	8							

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	35	10227	100.0
1	0.10	20	10192	99.7
2	0.20	78	10172	99.5
3	0.30	182	10094	98.7
4	0.40	747	9912	96.9
5	0.60	2032	9165	89.6
6	0.80	1694	7133	69.7
7	1.00	1061	5439	53.2
8	1.40	296	4378	42.8
9	1.80	330	4082	39.9
10	2.40	233	3752	36.7
11	3.20	187	3519	34.4
12	4.3	179	3332	32.6
13	5.8	161	3153	30.8
14	7.7	160	2992	29.3
15	10.0	214	2832	27.7
16	14.0	172	2618	25.6
17	18.0	239	2446	23.9
18	25.0	211	2207	21.6
19	33.0	263	1996	19.5
20	44.0	247	1733	16.9
21	59.0	258	1486	14.5
22	79.0	255	1228	12.0
23	110.0	230	973	9.5
24	140	259	743	7.2
25	190	154	484	4.7
26	250	107	330	3.2
27	340	79	223	2.1
28	450	54	144	1.4
29	600	37	90	.8
30	800	39	53	.5
31	1100	11	14	.1
32	1400	3	3	
33				
34				

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1950	0.60 15	0.60 15	0.60 17	0.61 17	0.64 16	0.68 15	0.69 13	0.70 13	0.71 11
1951	0.60 16	0.60 16	0.60 18	0.63 18	0.64 17	0.71 16	0.74 15	0.76 15	0.80 14
1952	0.60 17	0.67 20	0.67 20	0.69 19	0.70 18	0.74 18	0.78 18	0.84 18	0.90 17
1953	1.60 27	1.70 27	1.70 27	1.70 27	1.80 27	1.90 27	2.00 27	2.10 27	3.30 27
1954	0.60 18	0.60 17	0.66 19	0.71 20	0.75 21	0.80 21	0.82 21	0.84 19	0.84 16
1955	0.30 7	0.30 6	0.31 7	0.36 7	0.38 6	0.41 6	0.44 5	0.47 5	0.53 6
1956	0.30 8	0.30 7	0.30 5	0.31 4	0.31 4	0.35 4	0.39 3	0.45 3	0.52 4
1957	0.51 13	0.53 13	0.59 14	0.60 14	0.63 15	0.66 13	0.69 14	0.72 14	0.81 15
1958	0.80 22	0.80 22	0.83 23	0.86 23	0.88 23	0.90 23	0.92 22	0.95 22	1.10 20
1959	0.90 26	0.90 26	0.90 26	0.91 25	0.95 26	1.00 26	1.10 25	1.10 25	1.30 21
1960	0.60 19	0.60 18	0.60 15	0.60 15	0.62 14	0.68 14	0.75 16	0.77 16	0.77 13
1961	0.30 9	0.30 8	0.30 6	0.31 5	0.35 5	0.38 5	0.42 4	0.47 6	0.53 5
1962	0.20 5	0.20 3	0.20 3	0.20 3	0.22 3	0.26 2	0.31 2	0.37 2	0.48 2
1963	0.10 2	0.10 2	0.13 2	0.16 2	0.21 2	0.32 3	0.54 7	0.57 7	0.62 7
1964	0.40 10	0.40 10	0.40 9	0.46 10	0.50 8	0.54 8	0.56 8	0.58 8	0.65 9
1965	0.40 11	0.40 11	0.40 10	0.44 9	0.50 9	0.55 9	0.60 9	0.66 11	1.30 22
1966	0.60 20	0.60 19	0.60 16	0.60 16	0.70 19	0.76 19	0.81 19	0.88 20	0.93 18
1967	0.30 6	0.30 4	0.30 4	0.33 6	0.40 7	0.44 7	0.45 6	0.46 4	0.49 3
1968	0.10 3	0.37 9	0.49 12	0.51 12	0.57 12	0.59 10	0.60 10	0.61 9	0.62 8
1969	0.00 1	0.00 1	0.00 1	0.00 1	0.06 1	0.18 1	0.20 1	0.24 1	0.29 1
1970	0.20 4	0.30 5	0.34 8	0.38 8	0.53 10	0.71 17	0.82 20	1.00 23	1.10 19
1971	0.86 25	0.87 25	0.89 25	0.91 26	0.93 25	0.99 25	1.10 26	1.10 24	2.30 25
1972	0.67 21	0.70 21	0.70 21	0.71 21	0.72 20	0.76 20	0.78 17	0.81 17	1.30 23
1973	0.83 24	0.84 24	0.85 24	0.87 24	0.90 24	0.92 24	0.93 23	0.94 21	1.50 24
1974	0.40 12	0.43 12	0.44 11	0.47 11	0.54 11	0.59 11	0.66 12	0.70 12	0.71 12
1975	0.54 14	0.56 14	0.57 13	0.58 13	0.59 13	0.60 12	0.61 11	0.62 10	0.67 10
1976	0.81 23	0.81 23	0.81 22	0.81 22	0.84 22	0.89 22	1.10 24	1.50 26	2.90 26

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1949	180.0 18	171.0 17	166.0 17	127.0 17	105.0 17	86.0 15	60.0 16	45.0 17	30.0 17
1950	59.0 23	53.0 23	47.0 22	42.0 22	39.0 22	31.0 20	23.0 20	17.0 21	12.0 21
1951	214.0 16	204.0 15	177.0 15	165.0 14	155.0 13	133.0 12	103.0 12	86.0 11	58.0 12
1952	1530.0 1	1460.0 1	1300.0 1	1170.0 1	1080.0 1	808.0 1	604.0 1	473.0 1	313.0 1
1953	161.0 19	156.0 18	151.0 18	138.0 16	109.0 16	62.0 18	44.0 19	35.0 19	26.0 18
1954	1.4 28	1.4 28	1.3 28	1.2 28	1.1 28	1.1 28	1.0 28	1.0 28	0.9 28
1955	27.0 25	24.0 25	20.0 25	17.0 25	11.0 25	5.8 25	4.2 25	3.3 25	2.4 25
1956	392.0 11	366.0 11	303.0 11	226.0 11	197.0 11	190.0 9	159.0 9	125.0 9	98.0 9
1957	485.0 9	481.0 8	434.0 8	406.0 7	291.0 8	217.0 7	192.0 7	162.0 6	108.0 8
1958	873.0 5	842.0 5	811.0 5	644.0 5	476.0 5	343.0 5	295.0 3	252.0 2	170.0 2
1959	4.7 27	4.4 27	4.1 27	3.5 27	3.1 27	2.7 27	2.5 27	2.3 27	2.0 26
1960	81.0 21	79.0 21	75.0 20	65.0 20	51.0 20	31.0 21	21.0 21	17.0 22	12.0 22
1961	53.0 24	48.0 24	41.0 24	35.0 23	23.0 23	13.0 23	9.0 23	6.9 23	4.7 23
1962	562.0 7	539.0 7	477.0 7	372.0 8	262.0 9	159.0 11	110.0 11	83.0 12	55.0 13
1963	224.0 15	93.0 20	65.0 21	52.0 21	40.0 21	29.0 22	21.0 22	20.0 20	14.0 20
1964	124.0 20	119.0 19	107.0 19	88.0 19	64.0 19	57.0 19	49.0 17	37.0 18	24.0 19
1965	346.0 12	268.0 12	230.0 12	164.0 15	114.0 15	85.0 16	72.0 15	73.0 14	64.0 11
1966	20.0 26	19.0 26	14.0 26	7.7 26	4.6 26	3.9 26	3.1 26	2.5 26	2.0 27
1967	253.0 14	233.0 13	208.0 13	172.0 13	152.0 14	118.0 14	82.0 14	66.0 15	51.0 15
1968	65.0 22	55.0 22	43.0 23	28.0 24	15.0 24	7.9 24	5.5 24	4.3 24	3.0 24
1969	1100.0 2	987.0 3	914.0 3	800.0 2	639.0 2	407.0 2	288.0 4	243.0 4	170.0 3
1970	266.0 13	230.0 14	167.0 16	110.0 18	90.0 18	67.0 17	49.0 18	48.0 16	45.0 16
1971	490.0 8	452.0 9	364.0 10	264.0 10	210.0 10	191.0 8	168.0 8	144.0 8	123.0 6
1972	1100.0 3	1010.0 2	921.0 2	798.0 3	582.0 3	365.0 4	273.0 5	221.0 5	154.0 5
1973	454.0 10	433.0 10	402.0 9	367.0 9	294.0 7	178.0 10	132.0 10	104.0 10	74.0 10
1974	658.0 6	615.0 6	518.0 6	423.0 6	355.0 6	268.0 6	203.0 6	161.0 7	112.0 7
1975	973.0 4	948.0 4	887.0 4	725.0 4	565.0 4	388.0 3	296.0 2	250.0 3	169.0 4
1976	206.0 17	199.0 16	193.0 14	183.0 12	162.0 12	131.0 13	100.0 13	79.0 13	55.0 14

10353500 QUINN RIVER NEAR MCDERMITT, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.84	1.00	2.05	19.4	27.0	69.9	147	114	38.2	4.68	0.88	0.76
0.10	0.27	8.69	1007	1366	13150	48810	21620	2237	92.7	0.40	0.11
0.32	0.52	2.95	31.7	37.0	115	221	147	47.3	9.63	0.63	0.34
1.73	2.15	3.15	1.79	1.99	3.23	2.63	2.35	1.52	3.76	3.38	2.10
0.38	0.52	1.44	1.64	1.37	1.64	1.50	1.29	1.24	2.06	0.72	0.44
0.20	0.23	0.48	4.55	6.34	16.4	34.6	26.7	8.97	1.10	0.21	0.18

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
35.4	1375	37.1	1.54	1.05	0.043

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
-0.10	-0.04	0.10	0.55	0.96	1.28	1.58	1.59	1.07	0.20	-0.13	-0.15
0.02	0.03	0.14	0.72	0.56	0.71	0.83	0.74	0.72	0.38	0.06	0.03
0.15	0.17	0.38	0.85	0.75	0.84	0.91	0.86	0.85	0.62	0.24	0.17
0.42	1.44	1.52	0.66	-0.21	-0.29	-0.54	-1.01	-0.48	0.42	0.45	0.13
-1.48	-4.27	3.92	1.53	0.78	0.66	0.58	0.54	0.79	3.04	-1.87	-1.14
-1.44	-0.59	1.39	8.01	13.9	18.5	22.9	23.0	15.5	2.93	-1.83	-2.21

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.21	0.44	0.66	-0.61	0.55	0.136

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1949	188.0	1956	423.0	1963	350.0	1970	280.0
1950	62.0	1957	482.0	1964	125.0	1971	538.0
1951	219.0	1958	898.0	1965	417.0	1972	1130.0
1952	1580.0	1959	5.0	1966	23.0	1973	478.0
1953	163.0	1960	90.0	1967	256.0	1974	680.0
1954	2.0	1961	56.0	1968	77.0	1975	1010.0
1955	30.0	1962	588.0	1969	1280.0	1976	217.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2906	2.2906
STANDARD DEVIATION	0.7005	0.7005
SKEW COEFFICIENTS		
STATION	-1.2395	-1.2395
GENERALIZED	--	0.0
WRC WEIGHTED	--	-0.0496 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	28	28
PERIOD (YEARS)	28	28

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	0.5	2.8	1.8	0.7	7.0
0.9900	1.2	4.3	3.1	1.3	9.9
0.9500	8.9	13.4	11.6	5.2	26.3
0.9000	22.5	24.5	21.9	10.8	44.7
0.8000	60.4	50.4	47.7	25.6	86.0
0.5000	270.1	197.9	197.9	118.4	331.2
0.2000	759.1	761.8	804.8	446.4	1500.9
0.1000	1110.4	1529.8	1703.6	840.8	3458.3
0.0400	1504.2	3199.2	3806.8	1607.1	8553.8
0.0200	1744.1	5136.8	6616.8	2416.7	15415.5
0.0100	1938.3	7848.4	10756.9	3469.7	26211.2

10353520 EAGLE CREEK NEAR OROVADA, NV

LOCATION.--Lat 41°39'05", long 117°46'40", in SW¼NE¼ sec.35, T.44 N., R.37 E., Humboldt County, Hydrologic Unit 16040201, at culvert on U.S. Highway 95, 5.6 mi (9.0 km) north of Orovada.

DRAINAGE AREA.--3.44 mi^2 (8.91 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	2.0	1966	0	1970	3.0	1974	0
1963	9.0	1967	1.8	1971	0.2	1975	1.2
1964	0.2	1968	0	1972	2.0	1976	2.0
1965	1.0	1969	1.0	1973	0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	-0.1290 S	-0.0821 S
STANDARD DEVIATION	0.6040 S	0.5183 S
SKEW COEFFICIENTS		
STATION	-0.4671	-0.4671
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.7333	0.7333
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.8	0.8	0.8	0.5	1.4
0.2000	2.4	2.3	2.4	1.3	4.8
0.1000	4.1	3.8	4.5	2.1	9.5
0.0400	6.7	6.7	8.5	3.4	20.5
0.0200	9.0	9.6	13.6	4.6	33.9
0.0100	11.7	13.3	21.8	6.0	53.4

BLACK ROCK DESERT BASIN

10353600 KINGS RIVER NEAR OROVADA, NV

LOCATION.--Lat 41°54'25", long 118°18'30", in SW¼SE¼ sec.31, T.47 N., R.33 E., Humboldt County, Hydrologic Unit 16040201, on left bank, 2.8 mi (4.5 km) downstream from Little Creek, 5 mi (8 km) upstream from Kings River Ranch, and 36 mi (58 km) northwest of Orovada.

DRAINAGE AREA.--20.5 mi^2 (53.1 km^2).

REMARKS.--No diversion or regulation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1963		1	14	16	12	7	8	22	15	10	7	21	61	17	10	19	29	22	22	12	4	2	8	7	10	2	2	2	1	2					
1964							4	13	33	24	16	20	85	55	5	4	10	6	12	15	9	5	26	10	12	2									
1965									4	34	14	32	46	23	16	13	14	11	40	26	35	8	26	15	8										
1966			9	25	14	14	18	8	5	10	12	64	78	21	4	9	7	7	12	13	18	6	4	2	5										
1967							13	39	25	24	12	11	32	30	11	17	13	18	15	16	36	5	6	5	12	7	4	14							
1968			9	9	6	7	12	28	16	28	8	37	73	48	27	13	24	15	4	2															

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2192	100.0	12	1.8	375	1402	64.0	24	16	47	83	3.7
1	0.10	1	2192	100.0	13	2.2	194	1027	46.9	25	20	11	36	1.6
2	0.20	32	2191	100.0	14	2.7	73	833	38.0	26	24	6	25	1.1
3	0.30	50	2159	98.5	15	3.2	75	760	34.7	27	28	16	19	.8
4	0.40	32	2109	96.2	16	3.8	97	685	31.3	28	34	1	3	.1
5	0.50	28	2077	94.8	17	4.6	79	588	26.8	29	41	2	2	
6	0.60	55	2049	93.5	18	5.5	105	509	23.2	30				
7	0.70	110	1994	91.0	19	6.6	84	404	18.4	31				
8	0.90	98	1884	85.9	20	7.9	102	320	14.6	32				
9	1.10	130	1786	81.5	21	9.5	26	218	9.9	33				
10	1.30	69	1656	75.5	22	11.0	70	192	8.8	34				
11	1.50	185	1587	72.4	23	14.0	39	122	5.6					

STATION NUMBER 10353600

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1964	0.20	1	0.20	1	0.24	2	0.30	2	0.38	2	0.65	2	0.73	2	0.92	2	1.30	2
1965	0.60	4	0.63	4	0.74	4	0.78	4	0.94	4	1.00	4	1.10	4	1.40	4	2.10	5
1966	1.00	5	1.00	5	1.10	5	1.20	5	1.40	5	1.50	5	1.60	5	1.60	5	1.70	4
1967	0.20	2	0.20	2	0.21	1	0.24	1	0.29	1	0.35	1	0.45	1	0.58	1	0.92	1
1968	0.60	3	0.60	3	0.64	3	0.66	3	0.72	3	0.79	3	0.93	3	1.10	3	1.40	3

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1963	188.0	1	74.0	1	35.0	1	24.0	2	19.0	2	13.0	2	10.0	3	10.0	2	7.8	3
1964	20.0	3	19.0	3	19.0	3	16.0	3	14.0	3	12.0	3	11.0	2	9.3	3	6.8	4
1965	19.0	4	18.0	4	17.0	4	14.0	4	13.0	4	11.0	4	9.7	4	9.3	4	8.5	2
1966	18.0	5	18.0	5	16.0	5	14.0	5	11.0	5	8.9	5	7.3	5	6.0	5	4.5	5
1967	32.0	2	31.0	2	30.0	2	29.0	1	25.0	1	19.0	1	15.0	1	13.0	1	10.0	1
1968	7.0	6	6.1	6	5.8	6	4.7	6	4.5	6	3.8	6	3.4	6	3.5	6	3.0	6

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.38	1.91	2.30	2.52	5.43	4.82	7.58	12.3	7.41	1.78	0.81	0.96
0.10	0.08	0.64	2.44	16.7	3.52	6.82	50.4	27.4	1.34	0.19	0.14
0.31	0.27	0.80	1.56	4.09	1.88	2.61	7.10	5.24	1.16	0.44	0.37
-0.17	0.35	2.21	1.76	0.89	-0.06	-1.79	0.59	0.35	-0.05	0.95	1.24
0.23	0.14	0.35	0.62	0.75	0.39	0.34	0.57	0.71	0.65	0.54	0.38
2.81	3.87	4.67	5.11	11.0	9.79	15.4	25.1	15.1	3.62	1.64	1.95

10353600 KINGS RIVER NEAR OROVADA, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
4.09	2.01	1.42	-0.50	0.35	-0.938

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.13	0.28	0.34	0.34	0.63	0.65	0.84	1.03	0.75	0.14	-0.15	-0.04
0.01	0.00	0.02	0.06	0.11	0.03	0.05	0.07	0.14	0.14	0.06	0.02
0.10	0.06	0.13	0.24	0.33	0.18	0.21	0.27	0.37	0.37	0.24	0.16
-0.37	-0.02	2.00	0.69	0.40	-0.26	-2.13	-0.23	-0.37	-0.60	-0.10	0.52
0.78	0.23	0.37	0.70	0.52	0.28	0.25	0.26	0.49	2.60	-1.65	-3.70
2.64	5.58	6.95	6.91	12.7	13.2	17.1	20.7	15.2	2.86	-2.95	-0.86

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.59	0.03	0.17	-0.92	0.30	-0.862

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	770.0	1965	23.0	1967	36.0	1968	13.0
1964	28.0	1966	20.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6111	1.6111
STANDARD DEVIATION	0.6422	0.6422
SKEW COEFFICIENTS		
STATION	2.1543	2.1543
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	6	6
PERIOD (YEARS)	6	6

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	10.4	0.9	0.0	0.0	4.2
0.9900	10.4	1.3	0.2	0.0	5.5
0.9500	10.8	3.6	1.6	0.2	11.7
0.9000	11.5	6.1	3.8	0.5	18.1
0.8000	13.3	11.8	9.1	1.7	32.0
0.5000	25.3	40.8	40.8	12.8	130.6
0.2000	96.6	141.8	183.5	52.1	971.0
0.1000	274.6	271.7	438.6	92.3	3262.1
0.0400	1113.3	543.7	1375.1	160.3	12583.1
0.0200	3238.3	851.1	3423.3	224.8	30661.0
0.0100	9468.1	1273.6	9393.7	302.2	68871.1

10353700 LEONARD CREEK NEAR DENIO, NV

LOCATION.--Lat 41°31'40", long 118°42'45", in SE¼ sec.25, T.42 N., R.28 E., Humboldt County, Hydrologic Unit 16040202, on right bank 0.3 mi (0.5 km) upstream from concrete diversion structure, 0.7 mi (1.1 km) upstream from Leonard Creek ranch buildings, about 18 mi (29 km) upstream from Quinn River, and 32 mi (51 km) south of Denio.

DRAINAGE AREA.--52 mi^2 (135 km^2), approximately.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1961		1	13	6	13	3	28	4	15	26	52	69	66	56	9	1	1	2																	
1962				1	3	2	3	25	38	60	39	37	31	19	6	15	3	45	26	9	3														
1963		1	9	2	13	9	17	8	20	37	30	77	30	18	38	10	31	10	3							1			1					
1964							4	3	15	34	63	93	31	15	28	15	6	9	18	12	6	3	6	4	1										
1965											13	23	70	49	43	38	28	13	41	22	15	10													
1966					4	23	36	20	10	7	16	18	65	85	25	33	13	2	3	3	1		1												
1967								2	12	42	77	38	27	26	24	27	27	14	7	9	11	11	10			1									
1968			8	6	20	11	13	35	15	12	26	80	92	17	24	6		1																	
1969								2	21	24	36	76	31	18	17	8	5	5	9	12	16	16	11	17	14	13	7	4	2	1					
1970									7	18	30	30	56	58	73	32	26	29	3		2		1											
1971									1	1	8	22	52	58	43	24	34	27	18	18	26	20	10	3											
1972											1	24	52	75	59	25	16	34	21	50	8	1													
1973									1	13	12	16	101	66	42	12	8	21	13	31	13	7	6	3											
1974										2	38	24	62	79	33	16	6	26	43	27	5	2	1	1											
1975										1	17	36	54	27	9	31	24	12	14	14	18	27	21	31	25	4									
1976											15	56	21	14	74	148	18	20																	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5844	100.0	12	2.5	841	3872	66.3	24	33	40	74	1.2
1	0.10	2	5844	100.0	13	3.1	680	3031	51.9	25	40	18	34	.5
2	0.20	30	5842	100.0	14	3.8	547	2351	40.2	26	50	7	16	.2
3	0.30	15	5812	99.5	15	4.7	441	1804	30.9	27	62	5	9	.1
4	0.40	53	5797	99.2	16	5.9	246	1363	23.3	28	77	2	4	
5	0.60	48	5744	98.3	17	7.3	270	1117	19.1	29	95	1	2	
6	0.70	101	5696	97.5	18	9.0	219	847	14.5	30	120	1	1	
7	0.90	99	5595	95.7	19	11.0	207	628	10.7	31				
8	1.10	155	5496	94.0	20	14.0	124	421	7.2	32				
9	1.30	277	5341	91.4	21	17.0	97	297	5.1	33				
10	1.60	473	5064	86.7	22	21.0	67	200	3.4	34				
11	2.00	719	4591	78.6	23	26.0	59	133	2.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1962	0.10	1	0.17	1	0.19	1	0.19	1	0.40	2	0.55	2	0.81	3	0.98	3	1.20	2
1963	0.10	2	0.17	2	0.19	2	0.24	2	0.41	3	0.99	4	1.40	5	1.70	5	1.50	4
1964	0.60	5	0.67	5	0.69	5	0.76	5	0.92	5	1.10	5	1.20	4	1.40	4	1.50	5
1965	1.70	11	1.70	11	1.80	11	1.80	10	1.90	9	2.20	10	2.40	10	2.50	9	2.90	11
1966	1.50	10	1.60	10	1.70	10	1.90	11	2.30	12	2.70	13	2.90	13	2.90	13	3.00	12
1967	0.51	4	0.50	4	0.56	4	0.58	4	0.60	4	0.68	3	0.77	2	0.91	2	1.20	3
1968	1.00	6	1.10	6	1.10	6	1.30	6	1.80	8	2.00	8	2.00	8	2.10	8	2.40	7
1969	0.20	3	0.20	3	0.20	3	0.27	3	0.38	1	0.54	1	0.70	1	0.81	1	1.10	1
1970	1.80	12	1.80	12	1.90	12	1.90	12	2.00	10	2.10	9	2.40	9	2.60	10	2.80	10
1971	1.10	7	1.20	7	1.20	7	1.30	7	1.40	6	1.70	6	1.80	6	2.00	6	2.50	8
1972	2.50	14	2.80	14	2.80	14	2.90	14	3.10	14	3.40	14	3.50	14	3.60	14	3.70	14
1973	1.20	8	1.30	8	1.40	8	1.50	8	2.20	11	2.40	11	2.60	11	2.70	11	2.70	9
1974	2.30	13	2.30	13	2.30	13	2.40	13	2.60	13	2.70	12	2.80	12	2.90	12	3.10	13
1975	1.50	9	1.50	9	1.70	9	1.80	9	1.80	7	1.90	7	2.00	7	2.10	7	2.30	6
1976	3.00	15	3.40	15	3.90	15	4.10	15	4.20	15	4.30	15	4.50	15	4.60	15	4.80	15

10353700 LEONARD CREEK NEAR DENIO, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1961	7.9 15	6.3 15	4.7 16	4.1 16	3.9 16	3.6 16	3.4 15	3.2 15	2.9 15
1962	16.0 13	14.0 13	13.0 12	12.0 11	10.0 10	9.3 10	8.8 10	7.5 10	5.8 10
1963	138.0 1	68.0 2	33.0 3	17.0 7	9.6 11	6.4 13	5.6 13	5.4 13	5.1 13
1964	36.0 5	33.0 4	28.0 4	24.0 3	19.0 3	14.0 5	11.0 8	9.1 9	6.9 9
1965	20.0 11	20.0 8	19.0 8	17.0 8	15.0 7	13.0 7	12.0 5	10.0 6	8.7 4
1966	25.0 9	17.0 11	14.0 9	9.4 12	7.3 14	6.3 14	5.6 14	5.0 14	4.2 14
1967	44.0 4	23.0 7	22.0 6	21.0 4	19.0 4	14.0 6	11.0 6	9.7 7	7.9 7
1968	7.4 16	5.9 16	5.2 15	4.8 15	4.5 15	3.7 15	3.3 16	3.0 16	2.8 16
1969	118.0 2	77.0 1	66.0 1	58.0 1	50.0 1	40.0 1	33.0 1	27.0 1	21.0 1
1970	25.0 10	18.0 9	12.0 13	8.6 13	8.0 12	6.9 11	6.1 11	5.7 11	5.6 11
1971	32.0 6	26.0 5	22.0 7	21.0 5	19.0 5	17.0 3	14.0 3	13.0 3	11.0 3
1972	19.0 12	16.0 12	14.0 10	13.0 9	12.0 8	11.0 8	11.0 7	10.0 4	8.4 6
1973	32.0 7	25.0 6	24.0 5	20.0 6	17.0 6	14.0 4	12.0 4	10.0 5	8.6 5
1974	26.0 8	18.0 10	14.0 11	12.0 10	11.0 9	10.0 9	10.0 9	9.3 8	7.7 8
1975	48.0 3	46.0 3	42.0 2	37.0 2	34.0 2	33.0 2	29.0 2	26.0 2	20.0 2
1976	8.8 14	8.4 14	8.2 14	8.1 14	7.5 13	6.5 12	6.0 12	5.6 12	5.3 12

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
2.45	2.73	2.73	4.21	4.55	6.15	9.11	11.6	10.2	5.20	2.58	2.16
1.10	0.83	0.98	5.08	2.40	20.6	96.5	58.4	66.7	30.5	5.29	1.40
1.05	0.91	0.99	2.25	1.55	4.54	9.83	7.64	8.17	5.52	2.30	1.18
1.07	0.87	0.88	1.27	0.64	1.71	3.31	1.16	1.66	2.73	2.89	1.57
0.43	0.33	0.36	0.53	0.34	0.74	1.08	0.66	0.80	1.06	0.89	0.55
3.84	4.29	4.29	6.61	7.14	9.66	14.3	18.2	16.1	8.17	4.05	3.40

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
5.30	7.91	2.81	1.39	0.53	-0.214

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.35	0.41	0.41	0.57	0.63	0.69	0.84	0.97	0.88	0.53	0.30	0.28
0.03	0.02	0.02	0.05	0.02	0.09	0.09	0.09	0.13	0.20	0.09	0.05
0.18	0.14	0.15	0.22	0.15	0.30	0.30	0.30	0.36	0.44	0.31	0.23
0.16	0.14	0.22	0.23	-0.19	0.21	1.28	-0.21	-0.32	-0.45	0.31	0.06
0.51	0.34	0.37	0.38	0.24	0.43	0.35	0.30	0.41	0.84	1.01	0.81
5.13	6.03	5.97	8.31	9.21	10.1	12.2	14.2	12.8	7.68	4.40	4.06

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
0.67	0.05	0.21	0.21	0.32	-0.178

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1961	205.0	1965	27.0	1969	341.0	1973	111.0
1962	136.0	1966	25.0	1970	57.0	1974	56.0
1963	612.0	1967	157.0	1971	58.0	1975	75.0
1964	46.0	1968	31.0	1972	21.0	1976	12.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.8458	1.8458
STANDARD DEVIATION	0.4646	0.4646
SKEW COEFFICIENTS		
STATION	0.3987	0.3987
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	6.6	4.5	2.7	1.2	9.4
0.9900	8.0	5.8	3.9	1.8	11.7
0.9500	13.7	12.1	10.1	4.8	21.3
0.9000	18.8	17.8	15.7	8.1	29.6
0.8000	28.1	28.5	26.7	15.1	45.1
0.5000	65.3	70.1	70.1	44.2	111.2
0.2000	168.0	172.5	184.3	109.0	326.5
0.1000	286.8	276.2	314.1	165.8	603.8
0.0400	524.0	456.3	558.7	254.0	1188.1
0.0200	787.4	631.0	839.4	332.2	1853.1
0.0100	1149.7	844.7	1276.5	421.4	2773.4

10353710 BLACK ROCK DESERT TRIBUTARY NEAR SULPHUR, NV

LOCATION.--Lat 40°54'00", long 118°37'40", Humboldt County, Hydrologic Unit 16040202, at culvert on State Highway 49, 7.5 mi (12.1 km) east of Sulphur.

DRAINAGE AREA.--33 mi^2 (85 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	170.0	1970	41.0	1972	325.0	1974	5.0
1968	0.1	1971	384.0	1973	0.1	1975	3940.0
1969	160.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.2525 S	1.4638 S	
STANDARD DEVIATION	1.7438 S	1.3489 S	
SKEW COEFFICIENTS			
STATION	-0.7329	-0.7329	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9000	0.9000	
NUMBER OF PEAKS	9	9	
PERIOD (YEARS)	10	10	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.1	0.5	0.0	0.0	3.4
0.8000	0.8	2.1	1.6	0.2	11.2
0.5000	29.1	29.1	29.1	5.0	167.8
0.2000	558.0	397.2	542.8	75.7	5253.7
0.1000	2024.4	1557.3	2836.9	252.4	39288.5
0.0400	6686.3	6686.3	18261.4	838.9	364837.1
0.0200	13187.0	17138.5	75073.3	1772.4	********
0.0100	22906.8	39964.2	300567.1	3429.7	********

BLACK ROCK DESERT BASIN

10353730 DRY CREEK NEAR GERLACH, NV

LOCATION.--Lat 40°43'43", long 119°27'07", in SE¼NE¼ sec.23, T.33 N., R.22 E., Washoe County, Hydrologic Unit 16040202, 1 mi (1.6 km) north of State Highway 81, 7.5 mi (12.1 km) west of Gerlach.

DRAINAGE AREA.--3.5 mi^2 (9.1 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1968	736.0	1971	0.6	1973	9.0	1975	0.5
1969	16.0	1972	0	1974	0.2	1976	1.0
1970	10.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	0.4388 S	0.2397 S	
STANDARD DEVIATION	1.1859 S	1.5013 S	
SKEW COEFFICIENTS			
STATION	1.0249	1.0249	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.8889	0.8889	
NUMBER OF PEAKS	8	8	
PERIOD (YEARS)	9	9	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.3	0.1	0.0	0.0	0.7
0.5000	1.7	1.7	1.7	0.2	13.9
0.2000	21.6	31.9	47.0	4.6	722.5
0.1000	106.8	145.8	306.4	17.5	7372.7
0.0400	738.1	738.1	2715.2	66.0	96938.2
0.0200	2924.8	2104.2	13203.0	150.5	529308.1
0.0100	11020.2	5399.5	68869.5	311.1	********

10353770 SOUTH WILLOW CREEK NEAR GERLACH, NV

LOCATION.--Lat 41°01'00", long 119°21'00", in E½ sec.11, T.36 N., R.23 E., Washoe County, Hydrologic Unit 16040203, on left bank 150 ft (50 m) east of State Highway 34 and 25 mi (40 km) north of Gerlach.

DRAINAGE AREA.--31 mi^2 (80 km^2), approximately.

REMARKS.--No diversion or regulation above station.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	1730.0	1967	40.0	1971	19.0	1974	4.0
1964	0.5	1968	0	1972	4.0	1975	50.0
1965	171.0	1969	302.0	1973	27.0	1976	8.2
1966	9.0	1970	22.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	1.3045 S	1.2593 S	
STANDARD DEVIATION	0.9402 S	1.0171 S	
SKEW COEFFICIENTS			
STATION	0.2886	0.2886	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.9286	0.9286	
NUMBER OF PEAKS	13	13	
PERIOD (YEARS)	14	14	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST): LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	1.4	0.9	0.0	0.1	3.0
0.8000	3.2	2.5	2.1	0.5	7.4
0.5000	18.2	18.2	18.2	6.1	53.9
0.2000	120.2	130.4	153.9	44.7	600.9
0.1000	342.5	365.4	504.1	111.8	2399.3
0.0400	1096.4	1096.4	1817.7	282.1	11044.5
0.0200	2385.5	2229.6	4700.1	504.3	30129.3
0.0100	4884.7	4221.7	12040.5	843.7	74893.8

10361700 BADGER CREEK TRIBUTARY NEAR VYA, NV

LOCATION.--Lat 41°43'20", long 119°22'20", in NE¼ sec.22, T.44 N., R.23 E., Washoe County, Hydrologic Unit 17120008, on left bank at culvert on State Highway 8A, 27 mi (43 km) northeast of Vya, and 43 mi (69 km) southwest of Denio.

DRAINAGE AREA.--7.7 mi^2 (19.9 km^2).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1964	347	9	2	1	1	1		3		1			1																						
1965	295	65	2							2								1																	
1966	339	21	2	1						1						1																			
1967	355	6		1			1								1						1														
1968	363	3																																	
1969	316	11	2		1	2		2		8	2	1		1		3		2	4	1	1	2			2	2			2						
1970	336	21	3	1				1		1				1		1																			
1971	245	66	25	1	4	3	2	2	2	1	1	1	1	2			2					2	1			2	1	1							
1972	202	112	19	4	3	4		1		6	1	1		2		2		2		2		2	1	1	1										

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	2798	3288	100.0	12	1.6	2	52	1.6	24	12	3	11	.3
1	0.10	314	490	14.9	13	1.9	6	50	1.5	25	14	4	8	.2
2	0.20	55	176	5.4	14	2.3	1	44	1.3	26	17	1	4	.1
3	0.30	9	121	3.7	15	2.7	7	43	1.3	27	20	1	3	
4	0.40	9	112	3.4	16	3.2	2	36	1.1	28	23	2	2	
5	0.50	10	103	3.1	17	3.8	5	34	1.0	29				
6	0.60	5	93	2.8	18	4.4	4	29	0.9	30				
7	0.70	9	90	2.7	19	5.2	3	25	0.8	31				
8	0.90	2	81	2.5	20	6.2	2	22	0.7	32				
9	1.00	20	79	2.4	21	7.3	6	20	0.6	33				
10	1.20	4	59	1.8	22	8.6	2	14	0.4	34				
11	1.40	3	55	1.7	23	10.0	1	12	0.4					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1965	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
1966	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	2	0.01	7
1967	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	3	0.00	2
1968	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	3
1969	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5	0.00	4
1970	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	6	0.00	5
1971	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	7	0.00	6
1972	0.00	8	0.00	8	0.00	8	0.00	8	0.00	8	0.01	8	0.02	8	0.04	8	0.04	8

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1964	1.6	8	1.1	8	0.7	8	0.5	6	0.2	6	0.1	6	0.1	6	0.1	7	0.0	7
1965	4.0	5	1.7	6	0.7	6	0.3	7	0.2	7	0.1	7	0.1	7	0.1	6	0.1	4
1966	3.0	6	1.4	7	0.7	7	0.3	8	0.2	8	0.1	8	0.1	8	0.0	8	0.0	8
1967	6.3	4	3.1	4	1.4	4	0.6	4	0.3	4	0.2	4	0.1	4	0.1	4	0.1	5
1968	0.1	9	0.1	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9	0.0	9
1969	41.0	1	26.0	1	17.0	1	10.0	1	5.7	1	2.8	1	2.1	1	1.6	1	1.1	1
1970	3.0	7	2.0	5	1.1	5	0.5	5	0.3	5	0.2	5	0.1	5	0.1	5	0.1	6
1971	20.0	2	12.0	2	5.3	3	2.5	3	1.6	3	0.9	3	0.9	3	0.7	3	0.7	2
1972	12.0	3	10.0	3	6.9	2	4.5	2	2.4	2	1.4	2	1.0	2	0.8	2	0.6	3

10361700 BADGER CREEK TRIBUTARY NEAR VYA, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	20.0	1966	9.0	1970	10.0	1974	130.0
1963	230.0	1967	30.0	1971	58.0	1975	9.0
1964	9.0	1968	2.0	1972	15.0	1976	0
1965	18.0	1969	137.0	1973	2.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.2332 S	1.2160 S
STANDARD DEVIATION	0.6518 S	0.6815 S
SKEW COEFFICIENTS		
STATION	0.1588	0.1588
GENERALIZED	--	0.0
WRC WEIGHTED	--	0.0 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9333	0.9333
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	15	15

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	2.6	2.2	0.0	0.7	4.8
0.8000	4.8	4.4	4.0	1.7	8.8
0.5000	16.4	16.4	16.4	8.2	33.2
0.2000	59.7	61.6	68.3	30.8	163.6
0.1000	119.9	122.8	150.2	56.9	407.9
0.0400	256.5	256.5	351.6	106.1	1116.3
0.0200	423.2	412.6	649.1	156.9	2162.9
0.0100	668.4	632.9	1214.8	221.9	3941.3

10407150 BIG SPRING RESERVOIR TRIBUTARY NEAR DENIO, NV

LOCATION.--Lat 41°56'53", long 119°17'51", Humboldt County, Hydrologic Unit 16040205, at culvert on State Highway 8A, 3.4 mi (5.5 km) southeast of Nevada-Oregon State line, and 35 mi (56 km) west of Denio.

DRAINAGE AREA.--1.02 mi^2 (2.64 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	22.0	1967	2.0	1971	0	1974	0.2
1964	2.0	1968	0	1972	0	1975	0
1965	1.0	1969	0	1973	0.2	1976	0
1966	0.5	1970	0.1				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES	
MEAN	-0.7772 S	-0.9104 S	
STANDARD DEVIATION	0.9592 S	1.1740 S	
SKEW COEFFICIENTS			
STATION	0.8425	0.8425	
GENERALIZED	--	0.0	
WRC WEIGHTED	--	0.0	*
FLOOD BASE (CFS)	0.0	0.0	
PROB(PEAK > BASE)	0.5714	0.5714	
NUMBER OF PEAKS	8	8	
PERIOD (YEARS)	14	14	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES			
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.0	0.0	0.0	0.0	0.0
0.8000	0.0	0.0	0.0	0.0	0.0
0.5000	0.1	0.1	0.1	0.0	0.4
0.2000	0.9	1.2	1.4	0.3	7.0
0.1000	3.2	3.9	5.7	1.0	34.5
0.0400	14.0	14.0	25.0	2.9	200.9
0.0200	39.3	31.7	74.9	5.7	639.7
0.0100	105.4	66.2	221.9	10.3	1830.0

SALMON FALLS CREEK BASIN

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV

LOCATION.--Lat 41°56'40", long 114°41'15", in NE¼SW¼ sec.23, T.47 N., R.64 E., Elko County, Hydrologic Unit 17040213, on right bank in canyon, 630 ft (192 m) downstream from bridge on U.S. Highway 93, 550 ft (168 m) downstream from Shoshone Creek, and 5 mi (8 km) north of San Jacinto.

DRAINAGE AREA.--1,450 mi² (3,760 km²), approximately.

REMARKS.--Diversions above station for irrigation of about 18,200 acres (7,370 hm³), 1966 determination.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1911										12	20	12	26	11	37	40	50	12	3	11	8	20	15	47	30	2	2	3	3	1					
1912												1	8	32	37	93	42	18	15	12	5	9	2	7	18	15	7	2	8	26	6	3				
1913												6	40	4	6	39	68	48	27	8	10	16	8	13	26	35	9	2							
1914										9	24	11	17	23	33	51	55	9	5	10	7	9	11	10	14	13	6	25	23						
1915									55	17	10	8	3	3	42	63	65	15	9	10	15	37	13												
1916										43	38	17	10	9	33	49	31	16	3	10	5	2	2	24	14	25	21	14							
1920										10	32	28	7	24	58	57	30	14	18	9	6	6	8	20	7	12	18	2							
1922												11	22	33	38	30	90	29	6	14	15	13	4	2	2	6	8	19	12	5	6				
1923													6	20	49	89	58	29	7	6	7	4	3	20	40	22	5								
1924										33	11	24	21	8	10	39	46	47	44	22	4	1	7	4	17	19	5	4							
1925												40	37	13	29	58	12	30	39	16	10	2	3	6	22	17	21	6	4						
1926										2	34	33	30	11	10	37	95	16	10	25	13	56	4	3	1										
1927												17	30	14	48	67	48	27	10	12	18	9	4	5	6	27	13	6	4						
1928										5	41	18	12	10	26	37	66	35	4	5		25	46	3	4	17	9	3							
1929											12	20	56	21	77	51	28	6	14	13	7	13	12	11	5	26	13								
1930											21	21	6	41	83	63	34	24	27	14	9	4	5	5	6	2									
1931								35	25	8	8	15	5	24	85	81	10	8	21	21	8	11													
1932												18	15	52	114	21	21	11	15	8	2	3	6	8	10	19	23	12	8						
1933										22	28	18	2	10	49	101	23	22	8	10	9	6	7	19	18	10	3								
1934								14	14	47	21	25	14	4	51	106	19	49	1																
1935									6	19	13	21	18	12	55	81	23	8	17	13	5	2	12	23	21	10	5	1							
1936										8	49	17	11	31	63	68	22	19	7	3	2	3	2	8	4	17	17	6	9						
1937								7	37	17	4	2	3	47	63	67	13	18	12	13	10	6	21	18	7										
1938										1	18	25	26	26	35	79	18	13	9	20	17	11	5	7	6	16	11	7	15						
1939								27	32	16	7	9	7	4	21	74	80	6	5	4	2	11	2	18	11	4	11	5	5	2		2			
1940					17	14	12	21	3	3	9	23	21	16	55	55	9	11	12	5	7	28	23	15	3											
1941									11	2	23	24	33	48	42	43	35	10	2	14	22	22	18	16												
1942										18	27	4	14	10	18	66	65	20	7	8	5	7	8	4	8	11	5	23	12	12	11	2			
1943										3	24	34	11	20	17	17	45	22	14	9	8	17	6	16	17	18	15	11	20	13	6	1		1	
1944										19	25	10	22	8	20	84	46	12	14	8	6	3	2	11	17	16	14	10	16	3					
1945										1	15	21	28	27	24	44	26	24	13	23	15	18	8	5	9	11	13	24	7	9					
1946										24	22	22	6	21	15	48	71	13	15	16	9	8	11	10	20	6	8	5	13	2					
1947						14	18	21	5	6	10	9	5	4	17	59	36	29	19	17	19	47	20	7	3										
1948							1	16	9	5	22	6	29	18	31	54	34	22	7	12	13	11	9	17	13	27	10								
1949							1	11	8	11	9	2	22	13	94	44	38	8	16	10	6	4	2	7	3	2	11	16	14	13					
1950							8	1	4	11	3	10	7	23	30	88	14	22	8	23	22	6	2	16	10	21	13	11	12						
1951											20	9	24	31	32	28	45	27	20	12	11	8	10	12	6	8	10	27	18	7					
1952											13	11	16	22	40	37	82	28	3	10	10	7	4	8	6	7	2	12	24	10	9	5			
1953								2	11	5	12	13	21	31	43	34	53	17	9	22	10	21	13	18	9	18	3								
1954							26	4	7	3	7	30	32	32	47	56	33	14	19	25	17	13													
1955								9	10	5	15	8	35	61	80	49	18	7	3	8	6	11	13	22	5										
1956				2	2	6	6	5	4	4	3	13	30	48	23	31	19	41	7	13	12	4	8	17	13	19	20	8	7	1					
1957						1	3	6	6	4	10	1	28	36	51	57	11	5	6	25	13	14	12	9	14	12	6	11	15	6	5				
1958								1	5	7	10	14	22	28	62	50	27	8	14	12	12	22	11	12	5	8	4	16	14	1					
1959							1	13	7	4	3	6	26	16	31	36	64	41	15	25	34	25	11	3	4										
1960							1	4	15	6	4	13	5	36	16	50	92	13	13	6	4	4	9	18	25	12	8	7	5						
1961		1	2	1		6	26	12	10	10	5	5	21	27	52	63	27	28	19	38	8	2	2												
1962										9	12	8	20	34	50	43	19	18	17	16	7	3	3	7	12	16	30	16	17	3		4	1		
1963									2	7	8	13	11	29	82	44	15	38	7	24	12	11	5	9	9	17	19	2	1						
1964										1	10	10	9	33	46	86	52	7	5	5	7	6	6	10	11	15	13	19	14	1					
1965												2	1	10	34	47	40	17	31	15	44	20	12	22	11	14	19	12	14						
1966								16	3	6	16	22	19	25	17	67	86	13	18	12	9	15	10	10	1										
1967										7	7	7	10	61	60	52	25	15	7	40	16	3	3	6	13	11	15	7							
1968												5	15	51	81	36	50	20	30	41	19	8	7	2	1										
1969								6	8	1	4	2	13	29	37	61	57	23	8	13	7	16	10	5	3	10	20	16	13	3					
1970		1	1			1	1		1	1			11	14	68	67	19	2	7	49	22	14	13	16	12	6	7	15	7	7	3				
1971													10	10	10	78	31	31	10	21	17	14	15	12	4	11	29	19	17	8	14	4			
1972								3	2	3	7	9	5	6	21	40	79	30	14	17	6	5	8	6	8	14	27	25	22	9					
1973									1	2	4	7	25	6	20	38	44	64	20	22	10	15	5	12	8	13	21	21	7						
1974								1	7	10	4	10	11	21	31	40	67	41	4	4	6	6	11	12	15	21	13	14	11	5					
1975														1	22	119	44	21	25	26	4	11	3	14	16	14	3	2	7	10	5	7	6	2	3
1976													7	24	39	21	47	98	16	13	8	10	12	7	6	9	15	11	18	5					

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV--CONTINUED

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	22647	100.0	12	28.0	1058	19870	87.7	24	310	592	3002	13.2
1	3.10	2	22647	100.0	13	35.0	1412	18812	83.1	25	370	677	2410	10.6
2	3.90	3	22645	100.0	14	42.0	2649	17400	76.8	26	460	579	1733	7.6
3	4.80	3	22642	100.0	15	51.0	3543	14751	65.1	27	560	475	1154	5.0
4	5.80	19	22639	100.0	16	63.0	2510	11208	49.5	28	680	411	679	2.9
5	7.10	48	22620	99.9	17	76.0	1363	8698	38.4	29	830	162	268	1.1
6	8.60	119	22572	99.7	18	93.0	813	7335	32.4	30	1000	65	106	.4
7	11.00	240	22453	99.1	19	110.0	953	6522	28.8	31	1200	28	41	.1
8	13.00	296	22213	98.1	20	140.0	648	5569	24.6	32	1500	7	13	
9	16.00	464	21917	96.8	21	170.0	709	4921	21.7	33	1800	3	6	
10	19.00	771	21453	94.7	22	210.0	528	4212	18.6	34	2200	3	3	
11	23.00	812	20682	91.3	23	250.0	682	3684	16.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1912	18.00	38	18.00	38	18.00	39	18.00	27	20.00	31	24.00	30	28.00	26	35.00	30	39.00	20
1913	38.00	58	38.00	58	38.00	57	40.00	57	42.00	57	53.00	57	65.00	59	71.00	59	69.00	58
1914	24.00	54	25.00	54	26.00	53	29.00	54	31.00	52	35.00	51	43.00	52	49.00	52	53.00	50
1915	16.00	29	16.00	32	17.00	35	18.00	28	20.00	32	23.00	26	28.00	27	35.00	31	43.00	31
1916	14.00	26	14.00	24	15.00	24	15.00	20	15.00	16	15.00	8	16.00	4	17.00	2	26.00	3
1923	23.00	51	24.00	49	24.00	49	26.00	51	30.00	51	34.00	49	37.00	47	42.00	47	49.00	47
1924	30.00	56	32.00	55	33.00	56	35.00	56	39.00	55	41.00	55	47.00	54	56.00	55	59.00	53
1925	16.00	30	16.00	33	16.00	28	16.00	23	17.00	19	20.00	16	23.00	12	26.00	10	36.00	12
1926	24.00	52	24.00	50	24.00	50	25.00	49	26.00	48	28.00	39	35.00	42	43.00	48	52.00	49
1927	18.00	39	18.00	39	19.00	40	20.00	40	22.00	37	23.00	27	24.00	13	27.00	11	38.00	16
1928	24.00	53	24.00	51	26.00	54	28.00	52	28.00	49	31.00	44	36.00	45	43.00	49	51.00	48
1929	18.00	40	18.00	40	18.00	36	19.00	36	20.00	33	21.00	20	24.00	14	30.00	14	39.00	21
1930	19.00	45	19.00	44	21.00	46	21.00	41	23.00	41	28.00	40	32.00	37	37.00	37	43.00	32
1931	20.00	48	20.00	45	20.00	42	21.00	42	22.00	38	27.00	36	31.00	33	36.00	34	40.00	26
1932	11.00	17	11.00	14	11.00	12	12.00	9	12.00	7	13.00	4	16.00	5	22.00	7	30.00	6
1933	23.00	49	24.00	52	25.00	51	25.00	50	29.00	50	36.00	52	40.00	50	43.00	50	46.00	43
1934	16.00	31	16.00	34	17.00	29	18.00	29	19.00	28	20.00	17	26.00	22	32.00	23	39.00	22
1935	12.00	23	12.00	21	12.00	19	13.00	18	15.00	17	16.00	9	16.00	6	19.00	4	25.00	2
1936	14.00	24	14.00	25	15.00	25	16.00	24	17.00	20	20.00	18	25.00	18	31.00	20	38.00	17
1937	18.00	41	18.00	41	18.00	37	20.00	37	20.00	29	21.00	21	24.00	15	30.00	15	37.00	13
1938	11.00	18	11.00	15	11.00	13	12.00	10	13.00	11	14.00	5	19.00	9	25.00	9	34.00	10
1939	18.00	42	19.00	42	20.00	43	22.00	45	24.00	42	30.00	41	34.00	39	39.00	41	48.00	44
1940	11.00	19	11.00	16	11.00	14	12.00	11	12.00	8	14.00	6	16.00	7	19.00	5	28.00	4
1941	6.50	4	6.80	4	6.90	2	6.90	1	7.30	1	8.60	1	12.00	1	15.00	1	23.00	1
1942	14.00	25	14.00	26	14.00	22	15.00	21	18.00	22	26.00	33	28.00	28	34.00	26	44.00	33
1943	16.00	42	16.00	27	17.00	30	18.00	30	19.00	25	21.00	22	25.00	19	30.00	16	45.00	37
1944	16.00	33	16.00	28	17.00	31	20.00	38	22.00	39	22.00	23	27.00	23	34.00	27	42.00	29
1945	16.00	34	17.00	35	18.00	38	18.00	31	19.00	24	23.00	28	28.00	29	35.00	32	43.00	30
1946	18.00	43	20.00	46	21.00	47	22.00	46	25.00	43	27.00	34	31.00	34	38.00	38	48.00	45
1947	16.00	35	16.00	29	16.00	26	17.00	25	19.00	25	20.00	19	25.00	20	33.00	24	45.00	38
1948	7.40	5	7.40	5	7.50	4	7.80	4	8.80	2	10.00	2	14.00	2	18.00	3	30.00	7
1949	10.00	11	11.00	17	11.00	15	12.00	12	13.00	9	19.00	13	26.00	21	31.00	21	39.00	18
1950	10.00	12	11.00	18	12.00	16	12.00	13	14.00	12	20.00	14	28.00	30	34.00	28	41.00	27
1951	9.00	10	9.70	10	9.90	8	12.00	14	15.00	13	25.00	31	31.00	35	37.00	35	49.00	46
1952	19.00	46	20.00	47	20.00	44	20.00	39	23.00	40	28.00	37	32.00	36	36.00	33	44.00	34
1953	20.00	47	21.00	48	21.00	48	21.00	43	25.00	44	31.00	45	35.00	43	37.00	36	46.00	39
1954	11.00	13	12.00	19	13.00	20	14.00	19	17.00	21	22.00	24	27.00	24	30.00	17	37.00	14
1955	8.70	9	8.70	6	8.70	5	8.90	5	9.60	4	15.00	7	19.00	8	23.00	8	30.00	8
1956	11.00	14	11.00	11	11.00	9	12.00	15	15.00	14	22.00	25	27.00	25	31.00	22	40.00	23
1957	5.50	3	5.80	3	7.20	3	7.60	2	11.00	5	20.00	15	24.00	16	30.00	18	39.00	19
1958	8.30	8	9.10	9	11.00	10	12.00	16	16.00	18	24.00	29	30.00	32	35.00	29	40.00	24
1959	12.00	20	13.00	22	16.00	27	18.00	32	19.00	26	25.00	32	29.00	31	33.00	25	40.00	25
1960	8.20	6	8.70	7	9.20	6	9.70	6	12.00	6	18.00	10	24.00	17	31.00	19	38.00	15
1961	8.20	7	8.70	6	9.60	7	11.00	7	13.00	10	19.00	11	23.00	10	29.00	13	36.00	11
1962	3.20	1	5.70	1	5.70	1	7.60	3	9.30	3	11.00	3	15.00	3	20.00	6	29.00	5
1963	16.00	36	16.00	30	17.00	32	18.00	33	21.00	34	28.00	38	34.00	40	38.00	39	41.00	28
1964	15.00	27	16.00	31	17.00	33	18.00	34	22.00	35	30.00	42	35.00	41	40.00	42	44.00	35
1965	18.00	44	19.00	43	20.00	45	22.00	44	25.00	45	31.00	46	37.00	46	41.00	45	66.00	56
1966	26.00	55	35.00	57	45.00	58	49.00	58	54.00	58	58.00	58	59.00	57	60.00	56	60.00	54
1967	11.00	15	11.00	12	11.00	11	11.00	8	15.00	15	19.00	12	23.00	11	27.00	12	33.00	9
1968	17.00	37	17.00	36	17.00	34	19.00	35	25.00	46	33.00	47	38.00	48	40.00	43	46.00	40
1969	23.00	50	25.00	53	26.00	52	28.00	53	33.00	54	40.00	54	39.00	49	41.00	46	46.00	41
1970	11.00	16	11.00	13	12.00	17	13.00	17	20.00	30	30.00	43	36.00	44	40.00	44	46.00	42
1971	3.50	2	5.10	2	12.00	18	23.00	47	32.00	53	39.00	53	47.00	55	49.00	55	56.00	52
1972	32.00	57	32.00	56	33.00	55	34.00	55	42.00	56	53.00	56	58.00	56	61.00	57	66.00	57
1973	12.00	21	12.00	20	14.00	21	17.00	26	22.00	36	35.00	50	43.00	53	52.00	54	60.00	55
1974	15.00	28	17.00	37	19.00	41	23.00	48	26.00	47	34.00	48	42.00	51	46.00	51	54.00	51
1975	12.00	22	14.00	23	15.00	23	16.00	22	19.00	27	27.00	35	33.00	38	38.00	40	45.00	36
1976	50.00	59	51.00	59	54.00	59	55.00	59	59.00	59	59.00	59	65.00	58	69.00	58	74.00	59

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1911	953.0 14	759.0 31	544.0 39	421.0 45	357.0 47	294.0 47	297.0 43	285.0 35	232.0 32
1912	1280.0 8	1250.0 7	1150.0 5	1050.0 5	986.0 3	770.0 5	650.0 5	526.0 7	374.0 7
1913	608.0 37	567.0 39	483.0 44	453.0 42	429.0 41	401.0 35	367.0 32	323.0 31	236.0 31
1914	828.0 25	819.0 21	783.0 21	744.0 18	691.0 15	632.0 11	522.0 10	444.0 10	320.0 10
1915	246.0 58	245.0 58	237.0 58	225.0 55	183.0 55	180.0 54	164.0 53	142.0 54	113.0 54
1916	617.0 35	608.0 35	577.0 34	554.0 33	547.0 30	487.0 30	429.0 26	367.0 24	264.0 25
1920	568.0 42	558.0 41	549.0 38	546.0 34	487.0 34	390.0 38	314.0 39	261.0 42	191.0 41
1922	1140.0 10	1110.0 9	971.0 9	862.0 9	815.0 8	664.0 8	501.0 11	403.0 14	285.0 18
1923	509.0 45	504.0 45	469.0 45	449.0 44	412.0 42	369.0 40	346.0 35	291.0 34	214.0 34
1924	600.0 39	564.0 40	552.0 37	473.0 39	439.0 39	362.0 41	276.0 45	235.0 46	176.0 46
1925	716.0 33	705.0 33	680.0 32	594.0 31	516.0 33	469.0 31	398.0 30	327.0 30	245.0 28
1926	314.0 53	299.0 55	259.0 55	213.0 56	183.0 56	179.0 55	164.0 54	143.0 53	116.0 53
1927	802.0 28	765.0 30	681.0 31	574.0 32	526.0 31	451.0 33	357.0 33	294.0 33	218.0 33
1928	579.0 40	574.0 38	542.0 40	484.0 37	449.0 37	340.0 44	301.0 42	266.0 39	199.0 39
1929	521.0 44	506.0 44	498.0 42	480.0 38	441.0 38	377.0 39	316.0 38	263.0 40	190.0 42
1930	376.0 48	369.0 48	349.0 48	312.0 48	246.0 51	178.0 56	149.0 56	130.0 58	104.0 58
1931	202.0 60	200.0 60	196.0 59	181.0 59	154.0 60	132.0 60	112.0 61	99.0 61	80.0 61
1932	761.0 32	747.0 32	717.0 29	684.0 28	599.0 26	521.0 25	451.0 22	365.0 25	259.0 26
1933	477.0 46	468.0 46	449.0 46	413.0 47	368.0 45	316.0 45	255.0 47	211.0 47	158.0 47
1934	93.0 62	92.0 62	90.0 62	89.0 62	86.0 62	78.0 62	74.0 62	70.0 62	64.0 62
1935	569.0 41	547.0 42	507.0 41	452.0 43	381.0 43	343.0 43	287.0 44	238.0 44	177.0 45
1936	789.0 29	780.0 27	751.0 24	700.0 25	588.0 28	494.0 29	369.0 31	295.0 32	212.0 35
1937	357.0 49	351.0 49	338.0 49	307.0 49	279.0 48	245.0 48	200.0 49	170.0 49	127.0 51
1938	789.0 30	784.0 25	743.0 26	714.0 22	612.0 24	520.0 26	408.0 28	337.0 28	244.0 29
1939	1400.0 4	1170.0 8	923.0 10	765.0 16	622.0 23	461.0 32	352.0 34	279.0 36	205.0 38
1940	334.0 51	323.0 52	306.0 51	271.0 51	261.0 50	231.0 50	200.0 50	169.0 50	130.0 49
1941	308.0 56	304.0 53	267.0 54	253.0 54	236.0 53	216.0 51	192.0 51	164.0 51	128.0 50
1942	1340.0 6	1270.0 6	1190.0 4	1070.0 4	878.0 5	789.0 4	672.0 4	546.0 4	382.0 5
1943	2000.0 2	1450.0 2	1080.0 6	892.0 8	835.0 6	666.0 6	601.0 7	552.0 3	422.0 3
1944	890.0 18	871.0 17	828.0 15	772.0 14	696.0 14	578.0 17	489.0 15	397.0 15	284.0 19
1945	938.0 16	931.0 13	911.0 11	843.0 10	719.0 11	626.0 13	501.0 12	421.0 11	313.0 11
1946	881.0 19	861.0 18	813.0 17	776.0 13	656.0 21	495.0 28	401.0 29	330.0 29	241.0 30
1947	328.0 52	325.0 51	303.0 52	266.0 52	237.0 52	216.0 52	201.0 48	180.0 48	144.0 48
1948	533.0 43	521.0 43	485.0 43	468.0 40	433.0 40	391.0 37	328.0 36	277.0 37	209.0 36
1949	935.0 17	919.0 14	881.0 13	813.0 12	777.0 9	660.0 9	497.0 13	396.0 17	279.0 22
1950	787.0 31	771.0 29	736.0 27	712.0 23	609.0 25	532.0 23	446.0 23	371.0 23	275.0 23
1951	945.0 15	883.0 16	871.0 14	767.0 15	700.0 13	665.0 7	534.0 9	455.0 9	337.0 9
1952	1370.0 5	1320.0 4	1220.0 2	1160.0 2	1020.0 2	855.0 2	675.0 3	541.0 6	380.0 6
1953	475.0 47	466.0 47	430.0 47	416.0 46	363.0 46	316.0 46	273.0 46	238.0 45	180.0 44
1954	194.0 61	192.0 61	180.0 61	174.0 60	161.0 59	137.0 58	124.0 59	110.0 59	91.0 59
1955	356.0 50	345.0 50	318.0 50	288.0 50	265.0 49	236.0 49	184.0 52	153.0 52	117.0 52
1956	837.0 23	789.0 24	719.0 28	607.0 30	521.0 32	499.0 27	434.0 25	356.0 26	267.0 24
1957	1160.0 9	1090.0 10	1030.0 7	924.0 6	820.0 7	632.0 12	497.0 14	419.0 12	307.0 13
1958	851.0 22	808.0 22	759.0 23	716.0 21	669.0 18	527.0 24	416.0 27	345.0 27	253.0 27
1959	290.0 57	286.0 56	254.0 56	197.0 58	163.0 58	158.0 57	146.0 57	132.0 56	108.0 56
1960	608.0 38	601.0 36	566.0 36	464.0 41	381.0 44	349.0 42	305.0 41	250.0 43	183.0 43
1961	230.0 59	212.0 59	186.0 60	158.0 61	140.0 61	121.0 61	114.0 60	104.0 60	86.0 60
1962	1760.0 3	1490.0 3	822.0 16	688.0 27	646.0 22	580.0 16	560.0 8	461.0 8	370.0 8
1963	683.0 34	621.0 34	570.0 35	521.0 36	476.0 35	411.0 34	326.0 37	270.0 38	205.0 37
1964	834.0 24	739.0 23	767.0 22	733.0 19	674.0 17	573.0 18	483.0 16	395.0 19	282.0 21
1965	813.0 27	780.0 26	748.0 25	709.0 24	561.0 29	553.0 20	458.0 21	383.0 20	311.0 12
1966	312.0 54	299.0 54	277.0 53	266.0 53	234.0 54	191.0 53	157.0 55	134.0 55	108.0 57
1967	612.0 36	601.0 37	586.0 33	530.0 35	463.0 36	395.0 36	308.0 40	263.0 41	196.0 40
1968	310.0 55	279.0 57	249.0 57	207.0 57	173.0 57	134.0 59	129.0 58	131.0 57	110.0 55
1969	852.0 21	834.0 20	791.0 20	717.0 20	686.0 16	602.0 15	481.0 18	396.0 18	286.0 17
1970	1090.0 11	1050.0 11	994.0 8	895.0 7	756.0 10	572.0 19	460.0 20	381.0 21	298.0 14
1971	1330.0 7	1290.0 5	1220.0 3	1130.0 3	984.0 4	843.0 3	728.0 2	610.0 1	473.0 1
1972	990.0 12	939.0 12	891.0 12	826.0 11	701.0 12	637.0 10	621.0 6	545.0 5	396.0 4
1973	826.0 26	778.0 28	700.0 30	616.0 29	596.0 27	543.0 22	442.0 24	381.0 22	284.0 20
1974	953.0 13	905.0 15	867.0 18	697.0 26	659.0 20	552.0 21	480.0 19	413.0 13	296.0 15
1975	2310.0 1	2250.0 1	2040.0 1	1510.0 1	1380.0 1	971.0 1	749.0 1	597.0 2	427.0 2
1976	855.0 20	836.0 19	806.0 19	745.0 17	663.0 19	607.0 14	483.0 17	397.0 16	288.0 16

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
47.3	57.7	58.8	67.5	96.2	152	349	448	271	60.8	26.7	30.6
143	117	190	810	3907	8531	35040	51110	29650	1565	177	115
12.0	10.8	13.8	28.5	62.5	92.4	187	226	172	39.6	13.3	10.7
0.74	0.84	2.44	2.52	2.61	2.46	0.70	0.37	1.00	1.82	1.60	0.73
0.25	0.19	0.23	0.42	0.65	0.61	0.54	0.50	0.64	0.65	0.50	0.35
2.84	3.46	3.53	4.05	5.77	9.15	20.9	26.9	16.3	3.65	1.60	1.84

13105000 SALMON FALLS CREEK NEAR SAN JACINTO, NV--CONTINUED

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
138	2676	51.7	0.29	0.37	0.354

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.66	1.75	1.76	1.80	1.93	2.13	2.48	2.58	2.33	1.70	1.38	1.46
0.01	0.01	0.01	0.02	0.04	0.04	0.06	0.07	0.12	0.08	0.04	0.02
0.11	0.08	0.09	0.14	0.20	0.20	0.25	0.27	0.34	0.28	0.20	0.16
-0.51	0.21	1.10	1.39	1.44	0.92	-0.26	-0.97	-0.91	-0.23	0.22	-0.32
0.07	0.05	0.05	0.08	0.10	0.10	0.10	0.11	0.15	0.17	0.14	0.11
7.23	7.64	7.66	7.85	8.39	9.27	10.8	11.2	10.1	7.40	6.02	6.36

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.11	0.03	0.18	-0.50	0.08	0.286

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1911	1060.0	1929	521.0	1945	950.0	1961	236,0
1912	1300.0	1930	376.0	1946	896.0	1962	1970.0
1913	664.0	1931	204.0	1947	342.0	1963	722.0
1914	837.0	1932	775.0	1948	549.0	1964	846.0
1915	246.0	1933	477.0	1949	998.0	1965	825.0
1916	626.0	1934	98.0	1950	799.0	1966	335.0
1919	825.0	1935	582.0	1951	1220.0	1967	643.0
1920	583.0	1936	796.0	1952	1430.0	1968	324.0
1921	1170.0	1937	362.0	1953	480.0	1969	923.0
1922	1170.0	1938	803.0	1954	200.0	1970	1120.0
1923	524.0	1939	1760.0	1955	370.0	1971	1370.0
1924	646.0	1940	338.0	1956	859.0	1972	1130.0
1925	731.0	1941	316.0	1957	1230.0	1973	847.0
1926	350.0	1942	1370.0	1958	872.0	1974	1430.0
1927	818.0	1943	1930.0	1959	305.0	1975	2430.0
1928	594.0	1944	890.0	1960	629.0	1976	1000.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8356	2.8356
STANDARD DEVIATION	0.2710	0.2710
SKEW COEFFICIENTS		
STATION	-0.5869	-0.5869
GENERALIZED	--	-0.2000
WRC WEIGHTED	--	-0.4012 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	64	64
PERIOD (YEARS)	64	64

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	97.7	108.7	97.2	77.0	141.6
0.9900	123.5	133.9	123.5	97.9	170.3
0.9500	223.6	229.7	222.8	182.0	276.4
0.9000	299.1	301.2	294.5	247.4	353.7
0.8000	415.6	411.6	407.2	350.2	473.1
0.5000	727.8	714.0	714.0	627.7	813.8
0.2000	1169.2	1167.8	1177.1	1014.6	1375.9
0.1000	1450.5	1476.4	1498.7	1262.5	1785.7
0.0400	1783.1	1864.8	1909.1	1563.4	2324.3
0.0200	2012.9	2149.4	2222.5	1778.0	2732.2
0.0100	2227.4	2428.3	2531.0	1984.4	3141.2

13161100 BRUNEAU RIVER NEAR CHARLESTON, NV

LOCATION.--Lat 41°30'50", long 115°27'05", in SE¼SW¼ sec.20, T.42 N., R.58 E., Elko County, Hydrologic Unit 17050102, 600 ft (180 m) downstream from road, 11.5 mi (18.5 km) south of Charleston.

DRAINAGE AREA.--44 mi^2 (114 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1962	1890.0	1967	5.0	1971	155.0	1974	66.0
1964	5.0	1968	1.0	1972	200.0	1975	31.0
1965	9.0	1969	130.0	1973	78.0	1976	32.0
1966	8.0	1970	16.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.5035	1.5035
STANDARD DEVIATION	0.8404	0.8404
SKEW COEFFICIENTS		
STATION	0.2831	0.2831
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.4	0.2	0.1	0.0	0.8
0.9900	0.5	0.3	0.1	0.0	1.2
0.9500	1.6	1.3	0.8	0.2	3.7
0.9000	2.9	2.6	2.0	0.5	7.0
0.8000	6.1	6.3	5.5	1.8	15.3
0.5000	29.1	32.9	32.9	13.5	81.2
0.2000	157.3	163.9	187.0	67.7	580.7
0.1000	400.7	372.5	479.7	140.4	1749.7
0.0400	1130.8	882.0	1305.3	290.7	5787.6
0.0200	2260.7	1527.9	2704.0	456.3	12570.5
0.0100	4280.7	2492.3	5505.2	677.7	25230.2

BRUNEAU RIVER BASIN

13161200 SEVENTY SIX CREEK NEAR CHARLESTON, NV

LOCATION.--Lat 41°42'40", long 115°28'57", in NE¼ sec.13, T.44 N., R.57 E., Elko County, Hydrologic Unit 17050102, at culvert, 3.5 mi (5.6 km) northeast of Charleston.

DRAINAGE AREA.--3.52 mi^2 (9.12 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	23.0	1967	6.0	1971	58.0	1974	47.0
1964	13.0	1968	3.0	1972	12.0	1975	89.0
1965	45.0	1969	45.0	1973	30.0	1976	30.0
1966	10.0	1970	44.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3642	1.3642
STANDARD DEVIATION	0.4182	0.4182
SKEW COEFFICIENTS		
STATION	-0.7611	-0.7611
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.0	1.8	1.0	0.5	3.7
0.9900	1.5	2.3	1.4	0.7	4.5
0.9500	4.0	4.6	3.8	1.8	8.0
0.9000	6.4	6.7	5.8	3.1	10.9
0.8000	10.9	10.3	9.6	5.5	16.0
0.5000	26.1	23.5	23.5	15.1	36.8
0.2000	52.8	52.3	55.8	33.6	98.1
0.1000	71.6	78.6	89.2	48.4	169.8
0.0400	94.7	120.7	146.7	69.5	307.9
0.0200	111.0	158.7	210.8	87.0	453.0
0.0100	126.1	202.5	300.4	105.9	640.7

13161300 MEADOW CREEK NEAR ROWLAND, NV

LOCATION.--Lat 41°54'00", long 115°40'40", in SW¼ sec.5, T.46 N., R.56 E., Elko County, Hydrologic Unit 17050102, at bridge, 0.7 mi (1.1 km) above mouth, and 2.5 mi (4.0 km) south of Rowland.

DRAINAGE AREA.--57.8 mi^2 (149.7 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	940.0	1967	100.0	1971	370.0	1974	104.0
1964	185.0	1968	85.0	1972	360.0	1975	690.0
1965	275.0	1969	270.0	1973	420.0	1976	85.0
1966	40.0	1970	410.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3420	2.3420
STANDARD DEVIATION	0.3950	0.3950
SKEW COEFFICIENTS		
STATION	-0.2640	-0.2640
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	16.9	19.4	11.2	5.5	38.6
0.9900	22.2	24.8	15.9	7.9	46.9
0.9500	46.1	48.0	39.7	20.1	80.3
0.9000	67.0	67.9	59.5	32.6	107.7
0.8000	103.7	102.7	96.1	56.8	155.6
0.5000	228.8	223.1	223.1	146.5	341.0
0.2000	477.0	474.5	504.9	313.1	859.9
0.1000	685.1	697.9	786.0	441.2	1444.0
0.0400	991.7	1046.5	1258.2	621.1	2533.7
0.0200	1248.3	1354.9	1771.8	767.7	3648.2
0.0100	1526.4	1705.2	2474.8	924.6	5061.5

13161500 BRUNEAU RIVER AT ROWLAND, NV

LOCATION.--Lat 41°56'00", long 115°40'25", in NW¼SE¼ sec.29, T.47 N., R.56 E., Elko County, Hydrologic Unit 17050102, Humboldt National Forest, on left bank 2 mi (3 km) upstream from McDonald Creek and 0.5 mi (0.8 km) south of Rowland.

DRAINAGE AREA.--382 mi^2 (989 km^2). Area at crest-stage site, 380 mi^2 (984 km^2).

REMARKS.--Minor diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1914						23	14	1	25	42	10	71	12	7	21	17	2	6	4	2	4	10	13	11	12	16	18	6	9	8	1				
1915			2	6	19	14	31	26	47	9	59	31	7	7	3	4	4	9	4	7	36	26	11	3											
1916							25	33	48	53	32	7	4	13	12	16	3	4	5	4	2	4	19	21	14	4	9	19	12	2	1				
1917							12	15	29	60	34	42	16	10	6	18	9	14	4	2	3	3	4	6	6	8	19	15	10	12	5	2	1		
1918		11	29	4	9	17	14	3	22	20	31	63	17	16	4	3	5	5	11	18	13	15	21	14											
1967		11	35	15	16	8	21	47	21	18	26	14	9	7	4	6	10	35	7	5	4	18	8	8	10	2									
1968			4	17	24	9	81	38	23	10	10	7	24	16	24	21	19	20	3	3	7	1	3	2											
1969				5	13	10	26	18	20	8	19	37	23	34	22	20	9	6	1	9	13	8	3	3	9	5	9	14	16	2	2	1			
1970						1	14	26	24	51	27	12	13	7	9	14	17	29	17	13	17	12	15	8	5	10	4	8	11	1					
1971											30	57	22	29	14	25	10	28	16	11	14	5	5	4	22	26	16	16	3	3	6	3			
1973					6	15	21	12	6	10	22	40	50	34	11	16	21	8	12	13	5	11	6	10	15	16	4	1								
1974			10	24	12	7	5	16	26	10	18	45	41	20	7	6	9	8	4	2	8	7	10	8	18	11	17	13	3						
1975					2		8	24	36	42	40	28	22	6	3	16	18	17	6	2	5	6	3	10	11	5	10	5	11	9	8	2	4	3	3
1976							4	19	20	17	17	22	43	51	41	16	8	8	9	10	12	9	5	14	14	9	15	3							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5113	100.0	12	36.0	303	2633	51.5	24	320	136	623	12.1
1	5.00	22	5113	100.0	13	44.0	257	2330	45.6	25	380	112	487	9.5
2	6.00	80	5091	99.6	14	52.0	181	2073	40.5	26	450	121	375	7.3
3	7.20	71	5011	98.0	15	62.0	198	1892	37.0	27	540	100	254	4.9
4	8.60	101	4940	96.6	16	75.0	144	1694	33.1	28	650	75	154	3.0
5	10.00	104	4839	94.6	17	90.0	197	1550	30.3	29	780	37	79	1.5
6	12.00	276	4735	92.6	18	110.0	103	1353	26.5	30	930	23	42	.8
7	15.00	278	4459	87.2	19	130.0	101	1250	24.4	31	1100	8	19	.3
8	18.00	347	4181	81.8	20	150.0	143	1149	22.5	32	1300	5	11	.2
9	21.00	350	3834	75.0	21	180.0	135	1006	19.7	33	1600	3	6	.1
10	25.00	375	3484	68.1	22	220.0	126	871	17.0	34	1900	3	3	
11	30.00	476	3109	60.8	23	260.0	122	745	14.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1915	10.00	7	10.00	7	10.00	7	10.00	7	11.00	6	15.00	6	18.00	7	21.00	9	20.00	5
1916	6.50	3	6.70	3	7.60	3	8.20	3	8.80	3	11.00	3	13.00	3	16.00	3	18.00	3
1917	12.00	8	13.00	9	14.00	9	14.00	8	14.00	8	16.00	8	18.00	8	20.00	7	23.00	6
1918	12.00	9	13.00	10	14.00	10	15.00	10	16.00	9	17.00	9	19.00	9	21.00	8	25.00	9
1968	5.20	1	5.20	1	5.30	1	6.00	1	6.20	1	7.10	1	8.30	1	9.70	1	12.00	1
1969	6.80	4	7.00	4	8.00	5	8.50	4	10.00	5	15.00	7	17.00	6	18.00	6	24.00	8
1970	7.20	5	7.20	5	7.90	4	8.50	5	9.70	4	12.00	4	15.00	4	16.00	4	20.00	4
1971	12.00	10	12.00	8	13.00	8	14.00	9	17.00	10	21.00	10	25.00	10	29.00	10	39.00	10
1974	9.10	6	9.30	6	9.40	6	10.00	6	12.00	7	13.00	5	15.00	5	18.00	5	23.00	7
1975	6.50	2	6.70	2	6.80	2	7.10	2	7.60	2	8.90	2	11.00	2	14.00	2	16.00	2
1976	22.00	11	22.00	11	23.00	11	24.00	11	25.00	11	28.00	11	34.00	11	37.00	11	42.00	11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1914	972.0	6	913.0	5	829.0	5	795.0	4	678.0	5	542.0	6	470.0	4	392.0	4	275.0	4
1915	271.0	14	267.0	14	253.0	13	242.0	13	208.0	13	189.0	13	180.0	13	151.0	13	108.0	13
1916	975.0	5	867.0	6	749.0	6	688.0	6	649.0	6	552.0	5	461.0	5	390.0	5	273.0	5
1917	1300.0	2	1200.0	2	1090.0	2	899.0	3	813.0	2	698.0	2	587.0	2	467.0	2	324.0	3
1918	301.0	12	297.0	12	276.0	12	247.0	12	241.0	12	226.0	12	195.0	11	165.0	11	120.0	11
1967	400.0	11	391.0	11	378.0	11	341.0	11	289.0	11	234.0	11	188.0	12	161.0	12	116.0	12
1968	300.0	13	278.0	13	239.0	14	183.0	14	140.0	14	106.0	14	89.0	14	84.0	14	65.0	14
1969	1100.0	4	1030.0	4	883.0	4	748.0	5	688.0	4	573.0	4	441.0	6	352.0	6	249.0	6
1970	797.0	7	764.0	7	710.0	7	653.0	7	589.0	7	433.0	8	351.0	8	293.0	8	226.0	8
1971	1200.0	3	1180.0	3	1080.0	3	950.0	2	773.0	3	601.0	3	539.0	3	449.0	3	341.0	2
1973	542.0	10	496.0	10	431.0	10	391.0	10	379.0	10	335.0	10	270.0	10	223.0	10	164.0	10
1974	672.0	8	656.0	8	604.0	8	542.0	8	527.0	8	467.0	7	394.0	7	321.0	7	227.0	7
1975	1990.0	1	1940.0	1	1810.0	1	1420.0	1	1190.0	1	869.0	1	678.0	1	537.0	1	373.0	1
1976	560.0	9	550.0	9	528.0	9	488.0	9	418.0	9	378.0	9	307.0	9	256.0	9	184.0	9

13161500 BRUNEAU RIVER AT ROWLAND, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
22.5	24.7	30.7	43.5	51.9	137	346	448	242	61.2	19.2	16.9
84.0	136	186	1025	624	6360	40040	68510	26380	2255	105	54.6
9.16	11.7	13.7	32.0	25.0	79.7	200	262	162	47.5	10.1	7.39
0.28	0.32	0.93	2.08	2.04	0.87	0.33	0.88	1.69	1.62	0.84	0.40
0.41	0.39	0.44	0.73	0.48	0.58	0.58	0.58	0.67	0.78	0.53	0.44
1.56	2.05	2.12	3.02	3.58	9.43	23.9	30.9	16.7	4.22	1.33	1.17

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
121	2487	49.9	-0.01	0.41	-0.010

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.31	1.44	1.45	1.56	1.68	2.07	2.45	2.57	2.31	1.68	1.23	1.19
0.04	0.03	0.03	0.07	0.03	0.06	0.10	0.08	0.06	0.10	0.05	0.04
0.20	0.16	0.18	0.27	0.17	0.24	0.32	0.29	0.24	0.32	0.23	0.20
-0.71	-0.38	0.30	0.61	0.47	0.36	-0.90	-0.76	0.66	0.15	-0.01	-0.31
0.15	0.13	0.13	0.17	0.10	0.12	0.13	0.11	0.10	0.19	0.19	0.17
6.28	6.87	6.92	7.44	8.02	9.89	11.7	12.3	11.0	8.02	5.86	5.67

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.04	0.04	0.21	-0.73	0.10	0.084

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1913	383.0	1962	2120.0	1967	426.0	1972	905.0
1914	972.0	1963	1270.0	1968	332.0	1973	582.0
1915	271.0	1964	600.0	1969	1140.0	1974	701.0
1916	1000.0	1965	886.0	1970	828.0	1975	2100.0
1917	1300.0	1966	500.0	1971	1240.0	1976	612.0
1918	301.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8736	2.8736
STANDARD DEVIATION	0.2569	0.2569
SKEW COEFFICIENTS		
STATION	-0.0254	-0.0254
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	21	21
PERIOD (YEARS)	21	21

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	160.6	154.1	123.1	84.0	224.8
0.9900	186.7	180.7	152.3	103.7	256.5
0.9500	281.3	277.9	257.2	181.7	368.1
0.9000	349.7	348.1	328.9	242.4	447.4
0.8000	454.7	455.7	442.9	339.1	570.0
0.5000	749.4	754.9	754.9	606.3	941.3
0.2000	1230.8	1233.2	1266.4	985.5	1659.3
0.1000	1592.9	1585.0	1668.6	1235.3	2268.1
0.0400	2095.1	2062.9	2237.7	1551.5	3178.1
0.0200	2499.3	2440.3	2739.8	1788.5	3953.1
0.0100	2927.9	2834.0	3276.5	2026.8	4808.1

13161600 MCDONALD CREEK NEAR ROWLAND, NV

LOCATION.--Lat 41°55'10", long 115°46'20", in SW¼NE¼ sec.33, T.47 N., R.55 E., Elko County, Hydrologic Unit 17050102, at culvert, 5 mi (8 km) west of Rowland.

DRAINAGE AREA.--10.8 mi^2 (28.0 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	59.0	1967	28.0	1971	78.0	1974	50.0
1964	26.0	1968	26.0	1972	73.0	1975	85.0
1965	50.0	1969	41.0	1973	23.0	1976	50.0
1966	43.0	1970	61.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.6588	1.6588
STANDARD DEVIATION	0.1876	0.1876
SKEW COEFFICIENTS		
STATION	-0.2729	-0.2729
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	13.4	14.4	11.1	7.9	20.0
0.9900	15.3	16.2	13.1	9.4	21.9
0.9500	21.7	22.1	20.2	14.6	28.3
0.9000	25.9	26.1	24.5	18.4	32.6
0.8000	31.9	31.8	30.8	24.0	38.7
0.5000	46.5	45.9	45.9	37.6	56.2
0.2000	65.9	65.7	67.7	53.9	87.1
0.1000	78.2	78.9	83.5	63.5	111.5
0.0400	93.1	95.7	104.4	74.7	145.6
0.0200	103.8	108.1	122.8	82.6	173.1
0.0100	114.1	120.6	144.0	90.2	202.2

13162200 JARBIDGE RIVER AT JARBIDGE, NV

LOCATION.--Lat 41°51'45", long 115°25'40", in NW¼ sec.21, T.46 N., R.58 E., Elko County, Hydrologic Unit 17050102, at bridge, 1.0 mi (1.6 km) south of Jarbidge.

DRAINAGE AREA.--22.6 mi^2 (58.5 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1964	272.0	1968	140.0	1971	400.0	1974	305.0
1965	267.0	1969	470.0	1972	210.0	1975	549.0
1966	130.0	1970	700.0	1973	315.0	1976	320.0
1967	340.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.4863	2.4863
STANDARD DEVIATION	0.2103	0.2103
SKEW COEFFICIENTS		
STATION	-0.2667	-0.2667
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	78.0	84.1	60.8	41.5	122.8
0.9900	90.4	95.8	74.4	50.2	136.1
0.9500	133.4	136.3	122.0	83.6	180.9
0.9000	162.7	163.9	152.0	108.5	211.2
0.8000	205.4	204.3	196.7	146.7	256.9
0.5000	313.0	308.9	308.9	244.5	390.9
0.2000	462.9	461.6	478.3	367.0	644.1
0.1000	561.2	566.8	606.9	440.4	853.0
0.0400	683.1	703.3	782.9	528.0	1157.1
0.0200	772.0	807.0	944.7	590.7	1410.2
0.0100	859.0	912.1	1129.2	651.7	1684.5

13162400 BUCK CREEK NEAR JARBIDGE, NV

LOCATION.--Lat 41°58'45", long 115°25'55", in NW¼ sec.9, T.47 N., R.58 E., Elko County, Hydrologic Unit 17050102, at culvert, at Diamond A Ranch, and 7.2 mi (11.6 km) north of Jarbidge.

DRAINAGE AREA.--20.2 mi^2 (52.3 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	276.0	1967	35.0	1971	380.0	1974	97.0
1964	43.0	1968	30.0	1972	100.0	1975	205.0
1965	70.0	1969	155.0	1973	83.0	1976	79.0
1966	9.0	1970	76.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.9044	1.9044
STANDARD DEVIATION	0.4207	0.4207
SKEW COEFFICIENTS		
STATION	-0.5395	-0.5395
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	4.1	6.0	3.4	1.6	12.6
0.9900	5.8	7.9	4.9	2.3	15.5
0.9500	14.3	15.9	12.9	6.3	27.5
0.9000	22.2	23.0	20.0	10.5	37.5
0.8000	36.8	35.7	33.2	19.0	55.5
0.5000	87.5	81.5	81.5	52.1	128.1
0.2000	184.0	182.1	194.5	116.9	343.0
0.1000	259.0	274.6	311.7	168.5	595.7
0.0400	360.8	422.8	514.5	242.6	1084.2
0.0200	439.1	556.7	740.8	304.0	1598.5
0.0100	517.9	711.1	1057.4	370.6	2265.6

13162600 COLUMBET CREEK NEAR JARBIDGE, NV

LOCATION.--Lat 41°58'00", long 115°29'05", in NW¼ sec.13, T.47 N., R.57 E., Elko County, Hydrologic Unit 17050102, at culvert, 7 mi (11 km) northwest of Jarbidge.

DRAINAGE AREA.--3.37 mi^2 (8.73 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	32.0	1967	8.0	1971	40.0	1974	4.0
1964	10.0	1968	20.0	1972	16.0	1975	46.0
1965	9.0	1969	22.0	1973	5.0	1976	14.0
1966	2.0	1970	8.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.0804	1.0804
STANDARD DEVIATION	0.3918	0.3918
SKEW COEFFICIENTS		
STATION	-0.3063	-0.3063
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.9	1.1	0.6	0.3	2.1
0.9900	1.2	1.4	0.9	0.4	2.6
0.9500	2.5	2.7	2.2	1.1	4.4
0.9000	3.7	3.8	3.3	1.8	5.9
0.8000	5.7	5.7	5.3	3.1	8.5
0.5000	12.6	12.2	12.2	8.0	18.6
0.2000	26.0	25.8	27.5	17.1	46.6
0.1000	37.0	37.9	42.6	24.0	77.9
0.0400	52.9	56.6	67.9	33.7	136.0
0.0200	66.0	73.1	95.4	41.6	195.3
0.0100	80.0	91.8	132.9	50.0	270.2

13174500 OWYHEE RIVER NEAR GOLD CREEK, NV

LOCATION.--Lat 41°41'15", long 115°50'38", in NE¼NW¼ sec.25, T.44 N., R.54 E., Elko County, Hydrologic Unit 17050104, in Humboldt National Forest, on left bank 500 ft (150 m) downstream from Wild Horse Dam, 0.1 mi (0.2 km) upstream from Beaver Creek, 8 mi (13 km) west of Gold Creek, and 12 mi (19 km) southeast of Mountain City.

DRAINAGE AREA.--209 mi^2 (541 km^2).

REMARKS.--Small diversions for irrigation above station. Flow regulated by Wild Horse Reservoir, capacity, 71,660 acre-ft (88.4 hm^3), 0.1 mi (0.2 km) upstream beginning Mar. 18, 1938.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1918		54			24			4	5	7	6	55	38	54	18	4	12	7	9	20	1	22	9	6	5	3	1	1							
1919							32	82	16	46	86	19			1		2	24	2	1	3	4	10	5	5	2	5				20					
1920					51			4	4	6	42	4	81	54	6	1	2	32	3	7	4	5	3	3	3	3	3	34	2	9					
1921					10		10	5	57	14	34	33	13	23	13	13	15	4	13	12	2	9	5	9	2	7	3	19	19	13	7	1				
1923								29	17	112	82	26	3	6	2	2	2	6	7	8	18	15	11	9	5	4	1								
1924					49		48	12	6	94	28	64	4	4	4	10	2	3	2	5	2	4	6	1	4	1	5	2	2	2	2				
1925		5			11		10	17	21	20	55	12	18	51	8	6	2	5	31	25	4	4	4	7	11	7	7	6	7	2	6	3			
1937		46			29		9	39	75	51	20	1	12	5	6	8	5	4	6	6	4	5	4	3	2	12	13								

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2922	100.0	12	11.0	158	1105	37.8	24	140	32	258	8.8
1	1.00	105	2922	100.0	13	13.0	114	947	32.4	25	170	40	226	7.7
2	1.20	0	2817	96.4	14	16.0	38	833	28.5	26	210	64	186	6.3
3	1.50	0	2817	96.4	15	20.0	55	795	27.2	27	260	29	122	4.1
4	1.90	174	2817	96.4	16	25.0	89	740	25.3	28	330	37	93	3.1
5	2.40	0	2643	90.5	17	31.0	36	651	22.3	29	400	37	56	1.9
6	2.90	117	2643	90.5	18	38.0	87	615	21.0	30	500	15	19	.6
7	3.60	193	2526	86.4	19	47.0	64	528	18.1	31	620	4	4	.1
8	4.50	205	2333	79.8	20	59.0	61	464	15.9	32	770			
9	5.60	385	2128	72.8	21	73.0	59	403	13.8	33	950			
10	6.90	364	1743	59.7	22	90.0	44	344	11.8	34	1200			
11	8.50	274	1379	47.2	23	110.0	42	300	10.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1919	1.00	1	1.00	1	1.00	1	1.00	1	1.00	1	1.10	1	1.70	1	2.50	1	3.60	1
1920	3.00	4	3.00	4	3.00	4	3.00	4	3.00	4	3.50	4	3.70	3	4.20	3	6.20	4
1921	2.00	2	2.00	2	2.00	2	2.00	2	2.00	2	2.30	2	3.90	4	7.60	6	9.00	6
1923	4.00	5	4.00	5	4.00	5	4.00	5	4.00	5	4.30	5	4.80	5	5.20	4	6.00	3
1924	4.00	6	4.00	6	4.00	6	4.00	6	4.60	6	4.80	6	5.80	6	6.60	5	6.50	5
1925	2.00	3	2.00	3	2.00	3	2.00	3	2.00	3	2.50	3	2.50	2	2.80	2	5.90	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1918	217.0	7	190.0	8	154.0	8	120.0	8	102.0	8	78.0	8	63.0	8	51.0	8	36.0	6
1919	414.0	4	414.0	4	414.0	4	414.0	4	332.0	3	202.0	4	143.0	4	109.0	4	74.0	4
1920	375.0	5	364.0	5	355.0	5	318.0	5	269.0	4	222.0	3	161.0	3	126.0	3	87.0	3
1921	620.0	2	554.0	2	469.0	2	456.0	2	427.0	1	381.0	1	299.0	1	237.0	1	160.0	1
1923	217.0	8	199.0	7	161.0	7	154.0	7	127.0	7	98.0	7	82.0	7	64.0	7	44.0	7
1924	540.0	3	473.0	3	451.0	3	323.0	4	217.0	5	123.0	6	85.0	6	66.0	6	45.0	6
1925	690.0	1	655.0	1	615.0	1	505.0	1	391.0	2	269.0	2	198.0	2	160.0	2	111.0	2
1937	250.0	6	240.0	6	223.0	6	216.0	6	196.0	6	127.0	5	91.0	5	71.0	5	48.0	5

STATISTICS OF NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
6.60	9.67	8.10	7.36	12.5	33.0	249	210	49.6	6.67	2.95	4.21
14.9	11.7	7.04	7.03	179	895	15340	45860	1665	14.3	2.00	2.16
4.46	5.43	2.65	2.65	13.4	29.9	124	189	40.8	3.78	1.42	1.47
2.30	0.30	0.52	0.62	2.61	0.91	0.52	1.24	1.10	0.23	0.19	-0.41
0.52	0.55	0.33	0.36	1.06	0.89	0.50	0.90	0.82	0.57	0.48	0.35
1.43	1.81	1.55	1.62	2.09	2.59	41.3	34.9	8.20	1.11	0.49	0.70

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
41.0	493	22.2	1.27	0.54	0.067

13174500 OWYHEE RIVER NEAR GOLD CREEK, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.90	0.96	0.89	0.84	0.98	1.37	2.34	2.16	1.54	0.75	0.41	0.59
0.03	0.03	0.02	0.02	0.09	0.16	0.06	0.16	0.18	0.09	0.06	0.03
0.18	0.16	0.14	0.16	0.30	0.40	0.24	0.40	0.42	0.29	0.25	0.18
1.20	-0.17	0.23	0.00	1.98	0.35	-0.28	0.10	-0.61	-0.55	-0.70	-1.24
0.20	0.17	0.16	0.19	0.31	0.30	0.10	0.19	0.27	0.39	0.60	0.31
6.53	7.00	6.47	6.14	7.12	9.95	17.1	15.7	11.2	5.43	3.02	4.32

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.56	0.05	0.22	0.65	0.14	0.045

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1916	970.0	1920	623.0	1923	282.0	1925	860.0
1917	1380.0	1921	828.0	1924	698.0	1937	267.0
1918	260.0	1922	1810.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.8167	2.8167
STANDARD DEVIATION	0.2984	0.2984
SKEW COEFFICIENTS		
STATION	-0.2422	-0.2422
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	10	10
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	95.6	104.8	52.9	30.1	190.5
0.9900	117.5	126.1	77.5	40.4	219.6
0.9500	202.4	207.8	169.0	88.3	325.5
0.9000	267.6	270.0	234.9	131.7	404.2
0.8000	371.3	369.1	343.6	208.8	532.4
0.5000	674.1	663.2	663.2	451.0	979.3
0.2000	1176.7	1172.5	1253.3	812.5	2078.6
0.1000	1550.5	1569.3	1760.4	1050.5	3192.3
0.0400	2057.4	2131.1	2624.0	1352.8	5094.3
0.0200	2454.9	2590.1	3502.8	1580.4	6901.3
0.0100	2865.8	3081.4	4630.1	1810.6	9066.9

OWYHEE RIVER BASIN

13175000 OWYHEE RIVER AT MOUNTAIN CITY, NV

LOCATION.--Lat 41°50'10", long 115°57'50", in SW¼ sec.35 (unsurveyed), T.46 N., R.53 E., Elko County, Hydrologic Unit 17050104, at Mountain City, 1 mi (1.6 km) downstream from California Creek.

DRAINAGE AREA.--350 mi^2 (910 km^2), approximately.

REMARKS.--Diversions above station for irrigation. Flow partly regulated by Wild Horse Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1928					1	9		21	29	10	12	2	3	33	9	86	35	9	8	4	5	4	4	5	11	4	19	18	11	10	1	1	1	1	
1929					11	25		35	7	2	13	101	36	13	1	19	2	1	2	3	1	2	6	20	12	4	9	12	14	13	1					
1930					1	2		7	35	17	79	58	19	6	16	4	8	11	12	8	14	17	20	12	5	5	8	1								
1932		17			18	21		68	61	1	3	41	2	6	4	4	2	3	11	2	3	4	3	7	6	10	11	8	24	10	16				
1933						33		26	30	8	22	34	68	9	35	7	5	3	11	2	5	3	2	2	2	12	14	14	11	3	4				
1934	60	8			14	15		2	34	11	15	21	44	56	16	14	14	17	5	12	6	1													
1935		28			11	5		17	20	36	88	26	5	4	16	2	2	2	6	6	5	3	3	6	6	6	3	16	15	15	8	4	1		
1936						4		3	10	6	42	110	15	34	8	8	2	2	4	26	11	5	5	5	5	8	6	7	8	6	10	3	4	6	3
1937		19			16	11		2	22	3	12	37	107	10	18	4	3	3	9	9	3	13	11	7	7	4	7	11	17						
1938						2		4	6	2	20	7	35	47	28	15	9	12	9	41	36	9	12	14	7	6	3	5	11	5	15	2		1	
1939									3	8	5	84	62	15	10	3	1	3			1	1	17	73	49	11	4	9	1			3	2		
1940		10			4	1		1	27	2	4	4	69	71	9	1	7	3	3	21	20	27	29	42	10	1									
1941										1	37	72	46	6	4	8	11	19	13	23	22	26	38	15	6	3	14	1							
1942											1	4	66	52	37	9	9	4	10	5	26	58	5	4	5	3	18	21	16	12					
1943													6	14	3	12	7	8	29	29	27	76	33	15	25	12	10	13	10	11	5	9	5	6	
1944													95	30	2	6	13	5	23	12	4	68	34	36	23	12	3								
1945										2	8	36	16	42	2	8	25	8	17	20	30	27	41	8	10	5	3	12	21	7	6	6	5		
1946														7	22	29	29	59	19	10	26	18	32	41	17	14	13	7	7	6	8	1			
1947											1	2	12	36	44	24	46	11	5	35	23	26	48	42	9	1									
1948											22	70	1	47	3	23	9	10	11	25	44	17	11	34	28	8	3								

CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	60	7306	100.0
1	1.00	82	7246	99.2
2	1.50	0	7164	98.1
3	1.60	0	7164	98.1
4	2.00	76	7164	98.1
5	2.50	128	7088	97.0
6	3.10	0	6960	95.3
7	3.90	186	6960	95.3
8	4.90	286	6774	92.7
9	6.10	109	6488	88.8
10	7.60	384	6379	87.3
11	9.60	709	5995	82.1
12	12.0	707	5286	72.4
13	15.0	538	4579	62.7
14	19.0	287	4041	55.3
15	24.0	286	3754	51.4
16	30.0	239	3468	47.5
17	37.0	193	3229	44.2
18	46.0	207	3036	41.6
19	58.0	293	2829	38.7
20	73.0	312	2536	34.7
21	91.0	405	2224	30.4
22	110.0	354	1819	24.9
23	140.0	388	1465	20.1
24	180	243	1077	14.7
25	230	129	834	11.4
26	280	148	705	9.6
27	350	155	557	7.6
28	440	166	402	5.5
29	560	98	236	3.2
30	700	74	138	1.8
31	870	29	64	.8
32	1100	18	35	.4
33	1400	14	17	.2
34	1700	3	3	

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1928	6.00 12	6.70 12	7.30 11	7.60 11	8.20 11	10.00 12	12.00 13	14.00 15	20.00 15
1929	2.00 6	2.70 8	3.00 8	3.30 8	3.60 8	5.00 7	5.80 7	7.20 7	8.60 6
1930	2.00 7	2.00 6	2.00 6	2.20 6	2.70 5	3.20 4	3.80 4	4.70 2	6.80 3
1931	2.00 8	2.70 7	3.60 9	4.80 9	6.70 9	7.80 9	8.10 9	9.40 9	10.00 8
1933	1.00 5	1.00 5	1.00 5	1.20 4	1.90 4	3.20 5	4.10 5	5.70 6	7.70 4
1934	3.00 9	3.00 9	3.00 7	3.00 7	3.30 6	4.00 6	4.40 6	5.30 4	8.10 5
1935	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.00 1	0.59 1	1.50 1	3.90 1
1936	1.00 2	1.00 2	1.00 2	1.00 2	1.10 2	2.40 2	3.60 3	5.00 3	6.70 2
1937	5.00 10	6.00 10	7.90 12	8.10 12	9.10 12	11.00 13	11.00 11	12.00 10	12.00 11
1938	1.00 3	1.00 3	1.00 3	1.00 3	1.50 3	2.40 3	3.50 2	5.60 5	10.00 9
1939	6.00 11	6.30 11	6.90 10	7.10 10	8.00 10	10.00 10	11.00 12	12.00 11	11.00 10
1940	10.00 17	11.00 17	11.00 16	12.00 17	13.00 17	13.00 17	14.00 17	15.00 16	19.00 14
1941	1.00 4	1.00 4	1.00 4	1.30 5	3.50 7	5.30 8	7.00 8	8.20 8	9.10 7
1942	8.00 15	9.00 15	9.10 15	9.70 15	11.00 14	12.00 14	13.00 14	13.00 13	14.00 12
1943	13.00 19	13.00 19	14.00 19	15.00 19	19.00 19	36.00 20	44.00 20	52.00 20	66.00 20
1944	12.00 18	12.00 18	12.00 17	12.00 16	12.00 16	12.00 15	13.00 15	13.00 14	24.00 16
1945	7.00 13	7.70 13	8.10 13	8.70 13	11.00 15	12.00 16	13.00 16	15.00 17	33.00 18
1946	18.00 20	18.00 20	18.00 20	20.00 20	23.00 20	23.00 19	29.00 19	32.00 19	43.00 19
1947	8.00 14	9.30 16	12.00 18	13.00 18	16.00 18	20.00 18	21.00 18	23.00 18	30.00 17
1948	8.60 16	8.60 14	8.80 14	8.90 14	9.30 13	10.00 11	10.00 10	12.00 12	18.00 13

13175000 OWYHEE RIVER AT MOUNTAIN CITY, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1928	1510.0 2	1300.0 4	942.0 5	705.0 8	522.0 9	467.0 7	376.0 7	293.0 8	201.0 10
1929	706.0 11	645.0 12	613.0 12	595.0 11	541.0 8	416.0 10	336.0 10	263.0 10	176.0 11
1930	388.0 14	358.0 14	330.0 14	291.0 15	215.0 16	169.0 17	142.0 18	118.0 19	81.0 19
1932	852.0 9	845.0 9	790.0 9	709.0 7	633.0 6	569.0 5	465.0 4	368.0 4	246.0 4
1933	730.0 10	722.0 10	660.0 10	538.0 12	444.0 12	391.0 11	285.0 11	219.0 12	148.0 12
1934	92.0 20	86.0 20	81.0 20	75.0 20	61.0 20	48.0 20	39.0 20	34.0 20	27.0 20
1935	1120.0 7	1040.0 6	864.0 7	803.0 4	693.0 5	575.0 4	442.0 5	342.0 5	227.0 6
1936	1760.0 1	1730.0 1	1650.0 1	1410.0 1	1070.0 1	732.0 1	530.0 2	416.0 2	279.0 3
1937	556.0 13	524.0 13	491.0 13	467.0 13	453.0 11	324.0 12	247.0 13	194.0 13	132.0 14
1938	1430.0 4	1180.0 5	969.0 4	781.0 5	730.0 4	509.0 6	378.0 6	299.0 6	221.0 8
1939	1180.0 6	1010.0 7	887.0 6	621.0 9	426.0 13	305.0 13	273.0 12	243.0 11	205.0 9
1940	254.0 18	224.0 18	213.0 18	179.0 18	166.0 18	141.0 19	141.0 19	131.0 18	105.0 18
1941	362.0 15	342.0 15	326.0 15	311.0 14	245.0 14	187.0 15	162.0 16	143.0 16	115.0 16
1942	679.0 12	671.0 11	657.0 11	600.0 10	490.0 10	451.0 8	366.0 8	293.0 7	225.0 7
1943	1500.0 3	1460.0 2	1430.0 2	1250.0 2	1040.0 2	712.0 2	577.0 1	476.0 1	353.0 1
1944	295.0 17	282.0 17	264.0 17	262.0 16	220.0 15	194.0 14	180.0 14	164.0 14	141.0 13
1945	1320.0 5	1300.0 3	1210.0 3	1040.0 3	806.0 3	626.0 3	471.0 3	379.0 3	283.0 2
1946	888.0 8	858.0 8	790.0 8	711.0 6	576.0 7	421.0 9	337.0 9	292.0 9	228.0 5
1947	230.0 19	209.0 19	199.0 19	175.0 19	154.0 19	145.0 18	144.0 17	136.0 17	114.0 17
1948	304.0 16	283.0 16	268.0 16	226.0 17	207.0 17	176.0 16	173.0 15	149.0 15	122.0 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
16.1	16.1	16.9	18.3	27.5	99.3	357	326	151	59.3	44.6	28.7
165	52.5	145	464	543	8450	64400	36040	6752	2363	2306	1189
12.9	7.25	12.0	21.5	23.3	91.9	254	190	82.2	48.6	48.0	34.5
1.64	0.90	2.81	3.94	2.24	2.27	1.14	0.40	0.09	0.41	0.81	1.14
0.80	0.45	0.71	1.18	0.85	0.93	0.71	0.58	0.55	0.82	1.08	1.20
1.59	1.59	1.46	1.58	2.37	8.55	30.8	28.1	13.0	5.10	3.84	2.48

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
99.6	1951	44.2	0.52	0.44	0.028

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.10	1.17	1.16	1.15	1.33	1.87	2.44	2.39	2.05	1.55	1.25	1.02
0.10	0.04	0.06	0.07	0.09	0.11	0.11	0.17	0.21	0.29	0.49	0.52
0.31	0.20	0.24	0.27	0.30	0.33	0.33	0.41	0.46	0.54	0.70	0.72
0.27	-0.41	0.67	1.99	0.53	0.51	-0.22	-1.72	-2.10	-0.84	-0.24	-0.21
0.29	0.17	0.20	0.23	0.23	0.17	0.14	0.17	0.22	0.35	0.56	0.70
5.93	6.31	6.27	6.20	7.20	10.1	13.2	13.0	11.1	8.37	6.77	5.55

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.95	0.06	0.24	-1.53	0.12	0.004

13175000 OWYHEE RIVER AT MOUNTAIN CITY, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1913	273.0	1929	706.0	1932	915.0	1935	1240.0
1927	1060.0	1930	409.0	1933	765.0	1936	1830.0
1928	1510.0	1931	231.0	1934	106.0	1937	617.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7901	2.7901
STANDARD DEVIATION	0.3677	0.3677
SKEW COEFFICIENTS		
STATION	-0.7983	-0.7983
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	12	12
PERIOD (YEARS)	12	12

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES				
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	37.4	64.3	34.5	17.2	127.5
0.9900	53.4	80.9	50.2	24.3	152.4
0.9500	130.0	149.6	121.2	60.3	249.7
0.9000	199.9	206.6	179.2	96.0	327.1
0.8000	318.6	303.8	282.5	164.5	460.0
0.5000	689.5	625.5	625.5	408.0	962.7
0.2000	1273.1	1262.4	1351.0	833.1	2338.5
0.1000	1655.1	1808.0	2057.5	1145.0	3859.9
0.0400	2102.6	2636.1	3238.2	1569.5	6654.2
0.0200	2404.2	3352.4	4544.3	1906.9	9475.2
0.0100	2677.0	4152.7	6204.6	2261.6	13017.0

13175500 OWYHEE RIVER NEAR OWYHEE, NV

LOCATION.--Lat 41°52'20", long 116°02'30", in E½ sec.21, T.46 N., R.53 E., Elko County, Hydrologic Unit 17050104, on right bank, 40 ft (12 m) upstream from Jones Brook, 4 mi (6 km) downstream from Mountain City, and 8 mi (13 km) southeast of Owyhee.

DRAINAGE AREA.--380 mi^2 (980 km^2), approximately.

REMARKS.--Diversions for irrigation above station. No regulation.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1916												29	26	75	50	9	5	31	21	2	3	1	28	1	4	20	9	8	17	22	2	3			
1922										5	2	23	53	109	25	26	8	5	7	7	6	10	16	4	5	4	7	5	6	14	7	6	2	3	
1923										5	43	25	9	110	59	7	5	3	3	3	3	8	24	27	25	4	2								
1924		24			33	7		28	3	2		2	7	104	37	28	5	26	9	6	4	5	4	3	3	10	5	5	5	1					
1925						3		13	6	22	22	21	26	55	23	17	4	12	16	22	7	10	9	10	5	5	15	7	19	8	7	1			

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	1827	100.0	12	13.0	121	1509	82.6	24	210	42	271	14.8
1	1.00	24	1827	100.0	13	16.0	453	1388	76.0	25	270	43	229	12.5
2	1.30	0	1803	98.7	14	21.0	194	935	51.2	26	330	38	186	10.1
3	1.60	0	1803	98.7	15	26.0	87	741	40.6	27	420	25	148	8.1
4	2.00	33	1803	98.7	16	33.0	27	654	35.8	28	530	47	123	6.7
5	2.50	10	1770	96.9	17	41.0	77	627	34.3	29	670	45	76	4.1
6	3.20	0	1760	96.3	18	52.0	56	550	30.1	30	850	16	31	1.6
7	4.00	41	1760	96.3	19	66.0	40	494	27.0	31	1100	10	15	.8
8	5.10	9	1719	94.1	20	83.0	23	454	24.8	32	1400	2	5	.2
9	6.40	34	1710	93.6	21	100.0	34	431	23.6	33	1700	3	3	.1
10	8.10	67	1676	91.7	22	130.0	81	397	21.7	34	2200			
11	10.00	100	1609	88.1	23	170.0	45	316	17.3					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1916	7.70	3	7.80	3	7.80	3	7.90	3	8.10	3	8.80	3	11.00	3	13.00	3	16.00	3
1923	8.00	4	8.00	4	8.30	4	8.90	4	9.50	5	12.00	5	14.00	5	17.00	5	18.00	5
1924	8.00	5	8.00	5	8.30	5	8.90	5	9.00	4	10.00	4	12.00	4	15.00	4	17.00	4
1925	1.00	1	1.00	1	1.00	1	1.00	1	1.30	1	1.80	1	2.50	1	4.20	1	9.70	1
1926	3.00	2	3.00	2	4.10	2	4.70	2	6.40	2	8.10	2	9.70	2	11.00	2	16.00	2

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1916	1280.0	2	1200.0	2	975.0	3	854.0	3	780.0	2	641.0	2	520.0	2	425.0	2	297.0	1
1922	2170.0	1	2030.0	1	1680.0	1	1360.0	1	1090.0	1	758.0	1	549.0	1	429.0	1	289.0	2
1923	364.0	5	340.0	5	301.0	5	265.0	5	242.0	5	211.0	5	192.0	4	155.0	4	108.0	4
1924	690.0	4	632.0	4	536.0	4	462.0	4	389.0	4	241.0	4	176.0	5	138.0	5	97.0	5
1925	1120.0	3	1080.0	3	1020.0	2	864.0	2	732.0	3	586.0	3	444.0	3	354.0	3	250.0	3

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
18.0	21.6	23.6	26.6	43.3	142	460	420	149	25.6	10.5	9.68
15.8	1.93	15.1	174	846	10880	69560	110900	17300	316	22.7	9.94
3.98	1.39	3.88	13.2	29.1	104	264	333	132	17.8	4.77	3.15
0.27	0.25	0.68	2.48	1.13	0.72	0.56	1.24	1.52	0.90	-0.46	-1.10
0.22	0.06	0.16	0.50	0.67	0.73	0.57	0.79	0.88	0.69	0.45	0.33
1.33	1.60	1.75	1.97	3.21	10.5	34.1	31.1	11.0	1.90	0.78	0.72

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
112	2503	50.0	-0.47	0.45	-0.482

OWYHEE RIVER BASIN

13175500 OWYHEE RIVER NEAR OWYHEE, NV--CONTINUED

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY RUNS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.24	1.33	1.37	1.39	1.56	2.04	2.60	2.49	1.96	1.28	0.96	0.95
0.01	0.00	0.00	0.03	0.08	0.12	0.07	0.14	0.31	0.16	0.08	0.04
0.10	0.03	0.07	0.16	0.28	0.35	0.26	0.37	0.56	0.40	0.28	0.20
-0.22	0.17	0.59	2.24	0.49	-0.01	0.18	-0.29	-1.28	-1.21	-1.71	-2.18
0.08	0.02	0.05	0.12	0.18	0.17	0.10	0.15	0.29	0.31	0.30	0.21
6.49	6.95	7.14	7.26	8.12	10.6	13.5	13.0	10.2	6.70	5.01	4.97

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.01	0.05	0.22	-0.58	0.11	-0.481

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1914	1360.0	1917	1750.0	1920	946.0	1924	800.0
1915	432.0	1918	406.0	1922	2600.0	1925	1230.0
1916	1490.0	1919	962.0	1923	435.0		

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9818	2.9818
STANDARD DEVIATION	0.2666	0.2666
SKEW COEFFICIENTS		
STATION	-0.1518	-0.1518
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	11	11
PERIOD (YEARS)	11	

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	180.8	186.3	112.1	66.7	311.3
0.9900	214.8	219.8	150.8	86.1	354.0
0.9500	340.5	343.4	290.5	169.5	504.8
0.9000	432.6	433.9	387.6	239.6	613.3
0.8000	574.9	573.8	541.6	357.3	784.9
0.5000	973.8	968.7	968.7	699.4	1346.0
0.2000	1613.8	1611.8	1700.9	1177.8	2594.7
0.1000	2083.3	2091.2	2316.6	1482.5	3764.9
0.0400	2717.8	2748.7	3240.1	1860.9	5644.6
0.0200	3215.8	3272.0	4175.3	2140.9	7342.2
0.0100	3732.4	3821.4	5243.7	2420.2	9299.5

13175900 REED CREEK NEAR OWYHEE, NV

LOCATION.--Lat 41°53'45", long 116°03'40", in SW¼SE¼ sec.7, T.46 N., R.53 E., Elko County, Hydrologic Unit 17050104, at culvert on State Highway 11A, 0.1 mi (0.2 km) upstream from Owyhee River, and 3.8 mi (6.1 km) southeast of Owyhee.

DRAINAGE AREA.--6.51 mi^2 (16.86 km^2).

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	42.0	1967	22.0	1971	60.0	1974	69.0
1964	8.0	1968	5.0	1972	34.0	1975	95.0
1965	7.0	1969	67.0	1973	18.0	1976	20.0
1966	4.0	1970	31.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	1.3582	1.3582
STANDARD DEVIATION	0.4488	0.4488
SKEW COEFFICIENTS		
STATION	-0.3950	-0.3950
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	1.1	1.4	0.8	0.3	3.2
0.9900	1.5	1.9	1.2	0.5	3.9
0.9500	3.7	4.0	3.3	1.5	7.3
0.9000	5.9	6.0	5.2	2.6	10.1
0.8000	9.8	9.6	8.9	4.9	15.4
0.5000	24.4	23.2	23.2	14.4	37.6
0.2000	55.2	54.7	58.7	34.1	107.5
0.1000	81.5	84.8	97.1	50.4	193.7
0.0400	120.2	134.4	165.7	74.3	367.0
0.0200	152.2	180.2	244.4	94.5	555.4
0.0100	186.5	234.0	357.3	116.7	805.7

13176000 OWYHEE RIVER ABOVE CHINA DIVERSION DAM, NEAR OWYHEE, NV

LOCATION.--Lat 41°55'20", long 116°04'10", in NW¼ sec.6, T.46 N., R.53 E., Elko County, Hydrologic Unit 17050104, in Duck Valley Indian Reservation, on right bank 1,000 ft (300 m) downstream from Skull Creek, 1 mi (2 km) upstream from China diversion dam, and 2 mi (3 km) southeast of Owyhee.

DRAINAGE AREA.--458 mi^2 (1,186 km^2).

REMARKS.--Numerous diversions above station for irrigation. Flow partly regulated by Wild Horse Reservoir.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1940			4	6		8	5	21	4	1	2	15	112	15	14	3	2	7	15	25	13	8	32	18	27	9									
1941										23	66	58	20	8	17	10	15	24	15	12	23	28	13	11	6	2	14								
1942										1	11	59	54	31	8	8	5	13	33	52	7	3	4	4	3	11	19	18	15	6					
1943															30	10	11	39	40	71	19	25	12	23	14	11	11	10	12	9	10	4	4		
1944												34	89	2	4	18	17	21	38	34	12	30	22	14	11	10	9	1							
1945										8	37	17	40	6	25	13	9	23	24	33	36	10	3	12	7	2	7	16	16	8	5	4	4		
1946													5	24	29	77	24	16	17	38	16	26	20	12	16	14	4	7	5	13	2				
1947												4	26	28	36	29	39	14	46	19	10	34	46	19	7	8									
1948										14	15	108	16	11	14	4	20	25	31	13	10	19	19	22	15	10									
1949											85	51	15	10	1	17	10	18	23	32	5	6	23	8	3	7	23	8	15	5					
1950											15	44	27	14	14	7	28	15	23	30	27	18	22	14	15	17	10	19	6						
1951														20	35	37	14	57	35	27	7	11	26	27	8	8	13	8	22	10					
1952											3	21	40	54	37	9	11	14	44	28	7	5	5	9	7	2	6	10	10	15	7	9	4	8	1
1953													5	12	60	73	33	13	16	38	22	18	14	12	9	11	9	5	4	3	3	5			
1954								3	7	15	9	36	45	25	42	44	26	18	15	12	18	28	15	7											
1955									5	18	21	119	64	24	6	3	8	9	14	15	27	12	11	1	8										
1956											17	47	12	6	22	33	37	37	12	6	26	20	13	16	23	22	15	1	1						
1957									1	1	2	76	20	6	16	19	45	19	11	9	15	18	18	13	7	11	15	18	7	14	3	1			
1958												52	51	5	17	12	24	72	9	14	15	21	6	9	5	6	5	6	11	19	6				
1959											3	15	65	67	69	54	8	9	14	19	21	20	1												
1960							4	13	40	69	36	8	3	19	6	10	8	24	9	12	33	26	16	15	10	5									
1961							5	13	11	46	33	52	25	8	9	3	14	42	27	50	18	5	3	1											
1962					8	6	5	8	12	42	22	22	9	13	13	22	15	17	25	23	6	9	9	6	18	12	17	9	17						
1963							1	5	3	32	26	42	44	21	12	21	25	17	29	15	5	10	7	12	12	9	4	3	4	2	1	2	1		
1964							1	4	10	22	27	22	39	36	19	22	10	5	4	11		2	6	9	25	41	38	11	2						
1965							1	3	2	15	15	10	7	5	6	19	13	29	35	59	39	10	10	16	23	11	19	7	4	9					
1966			1	4	6	11	3	2	1	1		1	20	60	62	21	28	25	13	14	31	42	19												
1967							4	6	12	18	30	44	24	37	10	5	6	23	33	36	19	10	11	12	7	9	5	4							
1968								2	8	38	74	61	8	10	13	32	31	23	26	9	19	6	3	2	1										
1969											9	28	12	20	31	20	46	26	22	29	46	5	4	8		1		9	23	23	3				
1970												30	34	44	6	9	9	8	47	50	32	25	15	16	6	5	5	6	11	7					
1971												8	18	19	9	13	18	45	24	56	21	18	13	8	5	7	13	33	18	10	7	1	1		
1973													4	26	40	33	37	34	35	31	26	35	14	10	10	4	6	20							
1974										1	13	8	18	18	63	23	18	15	8	35	18	19	13	14	16	13	17	9	13	13					
1975										4	10	15	43	58	23	12	6	13	28	38	17	5	7	14	8	8	7	11	7	1	4	16	5	3	2
1976													2	7	4	17	20	33	64	30	56	17	33	26	7	6	16	14	13	1					

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	13149	100.0	12	22.0	921	10675	81.2	24	290	322	1697	12.9
1	2.00	4	13149	100.0	13	27.0	774	9754	74.2	25	360	275	1375	10.4
2	2.50	7	13145	100.0	14	33.0	804	8980	68.3	26	440	307	1100	8.3
3	3.10	4	13138	99.9	15	41.0	771	8176	62.2	27	550	263	793	6.0
4	3.80	22	13134	99.9	16	51.0	670	7405	56.3	28	680	236	530	4.0
5	4.70	22	13112	99.7	17	63.0	882	6735	51.2	29	850	168	294	2.2
6	5.90	45	13090	99.6	18	79.0	887	5853	44.5	30	1100	51	126	.9
7	7.30	63	13045	99.2	19	98.0	1004	4966	37.8	31	1300	42	75	.5
8	9.10	113	12982	98.7	20	120.0	741	3962	30.1	32	1600	19	33	.2
9	11.00	370	12869	97.9	21	150.0	640	3221	24.5	33	2000	11	14	.1
10	14.00	598	12499	95.1	22	190.0	467	2581	19.6	34	2500	3	3	
11	17.00	1226	11901	90.5	23	230.0	417	2114	16.1					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1940	15.00 21	15.00 19	16.00 20	16.00 19	18.00 19	18.00 16	19.00 13	19.00 12	26.00 11
1941	2.00 1	2.00 1	2.40 1	3.00 1	4.30 1	6.50 1	9.60 1	12.00 4	14.00 1
1942	12.00 14	14.00 17	15.00 16	15.00 17	15.00 15	18.00 17	19.00 14	19.00 13	22.00 8
1943	34.00 36	34.00 36	35.00 36	36.00 35	41.00 35	54.00 35	60.00 35	68.00 35	79.00 35
1944	20.00 29	21.00 30	21.00 28	21.00 26	21.00 23	21.00 20	22.00 19	22.00 17	33.00 19
1945	13.00 17	13.00 16	13.00 14	14.00 14	16.00 16	18.00 18	19.00 15	21.00 15	43.00 26

13176000 OWYHEE RIVER ABOVE CHINA DIVERSION DAM, NEAR OWYHEE, NV--CONTINUED

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	14	30	60	90	120	183
1946	26.00 34	26.00 34	26.00 32	29.00 31	32.00 31	33.00 31	36.00 30	42.00 30	54.00 29
1947	16.00 22	17.00 24	20.00 26	22.00 29	25.00 28	30.00 30	30.00 28	32.00 28	41.00 23
1948	12.00 15	12.00 14	12.00 12	13.00 12	14.00 12	16.00 13	17.00 11	17.00 9	24.00 9
1949	15.00 18	15.00 18	15.00 17	15.00 15	15.00 13	15.00 11	15.00 9	16.00 7	20.00 7
1950	15.00 19	16.00 20	16.00 18	16.00 18	18.00 20	18.00 14	20.00 16	25.00 20	42.00 24
1951	27.00 35	28.00 35	29.00 33	32.00 34	33.00 32	38.00 34	47.00 34	51.00 34	66.00 34
1952	15.00 20	16.00 21	18.00 21	19.00 22	22.00 26	23.00 24	25.00 25	27.00 24	33.00 20
1953	23.00 32	24.00 32	25.00 31	31.00 32	34.00 34	36.00 33	39.00 33	44.00 31	47.00 27
1954	18.00 28	19.00 28	21.00 27	21.00 27	21.00 24	21.00 21	23.00 21	27.00 25	33.00 21
1955	7.90 8	8.30 7	9.00 6	10.00 6	11.00 7	15.00 12	18.00 12	19.00 14	18.00 5
1956	9.70 11	10.00 11	10.00 9	11.00 10	12.00 8	14.00 8	17.00 10	18.00 10	32.00 18
1957	10.00 12	12.00 12	16.00 19	17.00 20	17.00 17	19.00 19	24.00 22	25.00 21	31.00 17
1958	17.00 25	18.00 25	18.00 22	18.00 21	20.00 21	22.00 22	22.00 20	25.00 22	35.00 22
1959	16.00 23	16.00 22	18.00 23	20.00 23	23.00 27	26.00 26	27.00 26	28.00 26	29.00 14
1960	7.20 7	7.60 6	10.00 10	10.00 7	10.00 5	10.00 3	11.00 3	11.00 1	15.00 2
1961	6.90 4	7.00 4	7.40 4	7.60 4	9.90 4	12.00 6	14.00 6	14.00 5	18.00 6
1962	4.00 3	4.00 3	4.20 3	4.40 3	8.10 3	10.00 4	11.00 4	12.00 2	16.00 3
1963	7.00 5	8.70 8	9.30 7	11.00 8	13.00 10	15.00 9	15.00 7	17.00 8	29.00 15
1964	13.00 16	13.00 15	14.00 15	14.00 13	15.00 14	18.00 15	21.00 18	22.00 16	28.00 12
1965	7.20 6	7.60 5	8.40 5	9.90 5	11.00 6	11.00 5	14.00 5	19.00 11	60.00 32
1966	22.00 31	22.00 31	24.00 30	26.00 30	27.00 30	29.00 28	30.00 27	31.00 27	42.00 25
1967	2.90 2	3.10 2	3.60 2	4.30 2	5.40 2	9.00 2	10.00 2	12.00 3	16.00 4
1968	9.40 10	9.60 10	11.00 11	12.00 11	13.00 11	14.00 7	15.00 8	15.00 6	24.00 10
1969	8.60 9	9.10 9	9.70 8	11.00 9	12.00 9	15.00 10	20.00 17	25.00 23	31.00 16
1970	17.00 26	17.00 23	18.00 24	20.00 24	21.00 22	23.00 23	25.00 23	24.00 18	53.00 28
1971	18.00 27	18.00 26	19.00 25	20.00 25	22.00 25	27.00 27	38.00 32	46.00 32	65.00 33
1973	24.00 33	25.00 33	29.00 34	32.00 33	33.00 33	35.00 32	36.00 31	47.00 33	56.00 30
1974	21.00 30	21.00 29	22.00 29	22.00 28	26.00 29	30.00 29	32.00 29	37.00 29	56.00 31
1975	11.00 13	12.00 13	13.00 13	15.00 16	18.00 18	24.00 25	25.00 24	24.00 19	29.00 13
1976	16.00 24	19.00 27	32.00 35	44.00 36	50.00 36	71.00 36	74.00 36	77.00 36	83.00 36

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1940	337.0 32	297.0 31	291.0 31	277.0 30	253.0 29	224.0 29	205.0 29	184.0 29	140.0 30
1941	547.0 26	538.0 24	518.0 24	493.0 23	381.0 25	287.0 26	240.0 26	206.0 26	158.0 27
1942	906.0 17	884.0 16	863.0 15	812.0 15	661.0 14	633.0 11	514.0 10	408.0 12	302.0 12
1943	1740.0 5	1650.0 4	1620.0 3	1400.0 3	1200.0 3	849.0 4	696.0 3	586.0 3	435.0 3
1944	550.0 25	527.0 25	492.0 25	460.0 25	373.0 26	309.0 24	269.0 24	237.0 24	188.0 24
1945	1780.0 4	1740.0 3	1610.0 4	1390.0 4	1090.0 4	863.0 3	649.0 5	519.0 5	376.0 5
1946	1120.0 11	1100.0 11	1050.0 10	981.0 9	810.0 11	583.0 13	469.0 12	393.0 13	297.0 13
1947	356.0 29	344.0 29	328.0 29	283.0 29	249.0 30	210.0 30	192.0 30	179.0 30	143.0 28
1948	433.0 27	403.0 28	376.0 28	334.0 27	312.0 27	272.0 27	244.0 25	208.0 25	160.0 25
1949	913.0 16	869.0 17	824.0 17	738.0 17	647.0 15	592.0 12	467.0 13	383.0 14	280.0 15
1950	786.0 20	772.0 20	722.0 20	634.0 20	588.0 19	502.0 18	417.0 19	359.0 17	272.0 17
1951	1010.0 14	993.0 13	957.0 13	886.0 12	808.0 12	651.0 9	513.0 11	433.0 10	334.0 8
1952	2500.0 2	2400.0 2	2300.0 1	2020.0 1	1630.0 1	1230.0 1	946.0 1	742.0 1	519.0 1
1953	1520.0 7	1450.0 6	1350.0 5	1110.0 5	820.0 10	564.0 14	444.0 15	365.0 16	270.0 18
1954	286.0 33	244.0 33	238.0 32	226.0 32	189.0 32	160.0 33	149.0 33	134.0 32	104.0 32
1955	345.0 31	340.0 30	321.0 30	270.0 31	226.0 31	167.0 32	151.0 32	127.0 33	91.0 33
1956	753.0 21	509.0 26	473.0 26	417.0 26	400.0 23	371.0 23	331.0 22	285.0 21	222.0 21
1957	1320.0 8	1260.0 8	1130.0 9	1020.0 8	870.0 7	701.0 8	554.0 7	468.0 7	346.0 7
1958	1250.0 9	1190.0 9	1140.0 8	1070.0 6	957.0 5	735.0 7	551.0 8	441.0 9	321.0 10
1959	220.0 36	186.0 36	170.0 35	162.0 34	154.0 34	132.0 34	115.0 34	97.0 35	78.0 35
1960	414.0 28	406.0 27	382.0 27	307.0 28	276.0 28	238.0 28	206.0 28	188.0 28	143.0 29
1961	239.0 34	209.0 35	168.0 36	135.0 36	119.0 36	111.0 36	113.0 35	105.0 34	90.0 34
1962	836.0 19	813.0 19	788.0 19	719.0 19	577.0 20	527.0 16	438.0 17	356.0 18	267.0 19
1963	1640.0 6	1500.0 5	1240.0 6	905.0 11	592.0 18	444.0 21	330.0 23	268.0 23	193.0 23
1964	707.0 22	666.0 21	629.0 22	544.0 22	512.0 22	454.0 20	442.0 16	424.0 11	319.0 11
1965	1060.0 13	991.0 14	918.0 14	843.0 14	634.0 16	523.0 17	430.0 18	347.0 19	279.0 16
1966	224.0 35	220.0 34	211.0 34	200.0 33	184.0 33	176.0 31	165.0 31	143.0 31	115.0 31
1967	577.0 24	566.0 23	543.0 23	463.0 24	395.0 24	299.0 25	236.0 27	203.0 27	159.0 26
1968	353.0 30	281.0 32	223.0 33	154.0 35	143.0 35	117.0 35	97.0 36	88.0 36	76.0 36
1969	1220.0 10	1100.0 10	1040.0 11	929.0 10	901.0 6	826.0 5	605.0 6	475.0 6	348.0 6
1970	944.0 15	892.0 15	825.0 16	752.0 16	666.0 13	456.0 19	361.0 20	297.0 20	244.0 20
1971	1810.0 3	1420.0 7	1160.0 7	1050.0 7	847.0 8	764.0 6	667.0 4	536.0 4	424.0 4
1973	665.0 23	659.0 22	645.0 21	617.0 21	557.0 21	409.0 22	333.0 21	276.0 22	214.0 22
1974	1070.0 12	1050.0 12	981.0 12	878.0 13	825.0 9	649.0 10	539.0 9	452.0 8	332.0 9
1975	2600.0 1	2500.0 1	2270.0 2	1840.0 2	1620.0 2	1100.0 2	831.0 2	659.0 2	465.0 2
1976	892.0 18	829.0 18	798.0 18	726.0 18	624.0 17	544.0 15	445.0 14	382.0 15	292.0 14

13176000 OWYHEE RIVER ABOVE CHINA DIVERSION DAM, NEAR OWYHEE, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
30.2	26.5	35.6	56.6	72.8	133	397	493	261	112	82.3	52.0
366	111	808	3767	2800	13210	73520	96760	24820	4130	1107	991
19.1	10.5	28.4	61.4	52.9	115	271	311	158	64.3	33.3	31.5
2.18	0.57	1.99	2.34	1.42	2.61	0.98	1.24	1.99	4.41	-0.13	0.28
0.63	0.40	0.80	1.09	0.73	0.86	0.68	0.63	0.60	0.57	0.40	0.61
1.73	1.51	2.03	3.23	4.15	7.60	22.6	28.1	14.9	6.41	4.70	2.97

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
144	4044	63.6	0.22	0.44	0.302

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.42	1.39	1.46	1.58	1.76	2.01	2.49	2.61	2.36	2.01	1.87	1.60
0.05	0.03	0.08	0.14	0.09	0.09	0.11	0.08	0.05	0.03	0.05	0.13
0.23	0.18	0.27	0.37	0.31	0.31	0.33	0.28	0.22	0.17	0.23	0.36
0.54	-0.41	0.84	0.74	0.06	0.31	-0.37	-0.26	0.61	1.16	-1.42	-0.90
0.16	0.13	0.19	0.23	0.17	0.15	0.13	0.11	0.09	0.08	0.12	0.22
6.28	6.16	6.45	7.00	7.80	8.92	11.0	11.6	10.5	8.93	8.28	7.12

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.11	0.05	0.22	-0.51	0.10	0.303

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1939	1430.0	1949	978.0	1959	235.0	1968	483.0
1940	365.0	1950	822.0	1960	437.0	1969	1310.0
1941	610.0	1951	1040.0	1961	306.0	1970	1410.0
1942	934.0	1952	2710.0	1962	1280.0	1971	2010.0
1943	1800.0	1953	1570.0	1963	1760.0	1972	1770.0
1944	584.0	1954	350.0	1964	900.0	1973	718.0
1945	1850.0	1955	356.0	1965	1100.0	1974	1100.0
1946	1150.0	1956	904.0	1966	230.0	1975	2790.0
1947	382.0	1957	1450.0	1967	628.0	1976	934.0
1948	449.0	1958	1280.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.9408	2.9408
STANDARD DEVIATION	0.2907	0.2907
SKEW COEFFICIENTS		
STATION	-0.3387	-0.3387
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1414 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	38	38
PERIOD (YEARS)	38	38

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	125.9	142.4	122.0	88.8	198.9
0.9900	156.0	171.6	152.7	111.4	233.7
0.9500	273.1	282.7	269.3	203.0	361.3
0.9000	362.5	366.6	353.6	276.1	455.6
0.8000	503.6	499.3	490.5	395.0	604.9
0.5000	906.0	886.3	886.3	739.3	1063.8
0.2000	1545.0	1538.8	1563.8	1269.4	1947.4
0.1000	2000.5	2035.1	2100.0	1640.5	2692.3
0.0400	2595.4	2724.0	2865.3	2128.0	3801.5
0.0200	3045.9	3276.8	3527.4	2503.3	4742.6
0.0100	3498.7	3860.1	4234.1	2887.6	5776.7

13176600 TAYLOR CANYON TRIBUTARY NEAR TUSCARORA, NV

LOCATION.--Lat 41°14'10", long 116°02'10", in S½ sec.29, T.39 N., R.53 E., Elko County, Hydrologic Unit 17050105, at culvert on State Highway 11, 11 mi (18 km) southeast of Tuscarora.

DRAINAGE AREA.--1.2 mi^2 (3.1 km^2), approximately.

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1967	7.0	1970	0.2	1973	0	1975	9.0
1968	5.0	1971	1.0	1974	3.0	1976	0.1
1969	12.0	1972	8.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	0.2451 S	0.3795 S
STANDARD DEVIATION	0.8361 S	0.5767 S
SKEW COEFFICIENTS		
STATION	-1.0520	-1.0520
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	0.9000	0.9000
NUMBER OF PEAKS	9	9
PERIOD (YEARS)	10	10

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	0.0	0.0	0.0	0.0	0.0
0.9900	0.0	0.0	0.0	0.0	0.0
0.9500	0.0	0.0	0.0	0.0	0.0
0.9000	0.1	0.4	0.0	0.1	0.9
0.8000	0.4	0.8	0.7	0.3	1.6
0.5000	2.4	2.4	2.4	1.2	5.2
0.2000	9.0	7.4	8.4	3.6	22.3
0.1000	15.1	12.9	16.5	6.0	51.1
0.0400	23.4	23.4	35.0	9.7	126.1
0.0200	29.4	34.1	61.1	13.1	226.7
0.0100	34.9	47.7	104.8	17.1	384.2

13176900 JACK CREEK BELOW SCHOONOVER CREEK, NEAR TUSCARORA, NV

LOCATION.--Lat 41°30'30", long 116°04'20", in NW¼SE¼ sec.25, T.42 N., R.52 E., Elko County, Hydrologic Unit 17050105, on left bank 0.2 mi (0.3 km) downstream from Schoonover Creek, 2 mi (3 km) upstream from mouth, and 16 mi (26 km) northeast of Tuscarora.

DRAINAGE AREA.--19.8 mi^2 (51.3 km^2).

REMARKS.--No diversion above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1963					2	20	10	29	34	45	57	17	13	11	11	10	11	3	5	3	3	3	3	3	6	7	12	10	15	16	3	3			
1964						1	3	41	10	28	48	48	48	13	3	4	1	2	2	3	2	11	17	16	10	6	5	9	19	11	5					
1965							2	15	18	12	31	25	16	16	30	28	21	12	3	11	9	9	11	11	4	4	7	10	9	9	17	10	6	8	1
1966		5	24	12	16	14	4	28	42	49	44	16	9	5	3	6	9	4	5	6	12	13	14	11	5	2	5	2							
1967					2	23	39	44	33	27	14	15	19	7	3	6	23	19	10	4	3	2	5	2	3	4	4	5	10	17	12	6	2		2
1968							3	28	69	47	30	12	9	9	12	8	15	18	18	18	7	15	6	5	7	5	6	11	8						
1969					5	30	7	7	9	22	10	6	39	31	37	23	17	8	7	3	10	2	3	6	5	3	3	26	13	9	8	11	3	2	

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	2557	100.0	12	5.5	153	1325	51.8	24	40	40	421	16.4
1	0.80	5	2557	100.0	13	6.5	92	1172	45.8	25	47	31	381	14.9
2	1.10	24	2552	99.8	14	7.7	99	1080	42.2	26	56	42	350	13.6
3	1.30	12	2528	98.9	15	9.1	85	981	38.4	27	66	73	308	12.0
4	1.50	25	2516	98.4	16	11.0	97	896	35.0	28	78	74	235	9.1
5	1.70	88	2491	97.4	17	13.0	66	799	31.2	29	92	62	161	6.2
6	2.10	68	2403	94.0	18	15.0	50	733	28.7	30	110	45	99	3.8
7	2.40	192	2335	91.3	19	18.0	48	683	26.7	31	130	30	54	2.1
8	2.90	215	2143	83.8	20	21.0	46	635	24.8	32	150	11	24	.9
9	3.40	230	1928	75.4	21	25.0	55	589	23.0	33	180	10	13	.5
10	4.00	234	1698	66.4	22	29.0	59	534	20.9	34	210	3	3	.1
11	4.70	139	1464	57.3	23	34.0	54	475	18.6					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1964	1.70	2	1.80	2	2.00	2	2.10	3	2.40	3	2.70	3	3.20	5	3.80	5	4.30	4
1965	2.00	3	2.20	4	2.40	4	2.50	4	2.50	4	2.80	4	3.10	3	3.40	3	6.20	5
1966	2.50	6	2.50	6	2.70	6	2.70	5	3.00	5	3.10	5	3.10	4	3.40	4	3.70	3
1967	0.90	1	0.93	1	1.10	1	1.10	1	1.20	1	1.30	1	1.50	1	1.70	1	2.10	1
1968	2.10	4	2.10	3	2.10	3	2.10	2	2.20	2	2.60	2	2.90	2	3.00	2	3.10	2
1969	2.30	5	2.30	5	2.60	5	2.80	6	3.70	6	4.30	6	6.20	6	6.10	6	6.90	6

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1963	140.0	4	137.0	4	126.0	4	114.0	4	99.0	4	85.0	4	66.0	4	52.0	5	37.0	5
1964	128.0	5	122.0	5	112.0	5	109.0	5	97.0	5	78.0	5	63.0	5	55.0	4	38.0	4
1965	223.0	1	191.0	2	183.0	1	160.0	1	140.0	1	123.0	1	104.0	1	85.0	1	60.0	1
1966	73.0	7	69.0	7	64.0	7	51.0	7	40.0	7	35.0	7	29.0	7	23.0	7	16.0	7
1967	223.0	2	203.0	1	170.0	2	146.0	3	122.0	3	105.0	2	79.0	3	62.0	3	43.0	3
1968	89.0	6	88.0	6	85.0	6	80.0	6	70.0	6	51.0	6	40.0	6	33.0	6	25.0	6
1969	203.0	3	189.0	3	167.0	3	149.0	2	125.0	2	105.0	3	89.0	2	71.0	2	49.0	2

13176900 JACK CREEK BELOW SCHOONOVER CREEK, NEAR TUSCARORA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
3.32	4.71	5.84	5.62	7.51	9.51	37.9	76.6	75.6	21.8	4.82	2.84
0.40	5.26	16.7	9.24	13.9	10.8	927	1046	1296	172	6.80	1.96
0.63	2.29	4.08	3.04	3.72	3.28	30.5	32.3	36.0	13.1	2.61	1.40
-1.30	1.88	1.90	1.06	0.43	0.44	1.03	-0.07	-0.75	-0.20	0.65	1.21
0.19	0.49	0.70	0.54	0.50	0.35	0.80	0.42	0.48	0.60	0.54	0.49
1.30	1.84	2.28	2.19	2.93	3.71	14.8	29.9	29.5	8.52	1.88	1.11

STATISTICS ON NORMAL ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
21.4	62.7	7.92	0.03	0.37	-0.631

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
0.51	0.64	0.70	0.70	0.83	0.95	1.46	1.85	1.80	1.23	0.62	0.41
0.01	0.03	0.06	0.05	0.05	0.03	0.12	0.04	0.11	0.15	0.07	0.04
0.09	0.18	0.25	0.22	0.23	0.16	0.34	0.21	0.34	0.39	0.27	0.20
-1.69	0.90	1.23	0.76	-0.17	-0.51	0.49	-0.59	-1.97	-1.37	-0.80	0.65
0.18	0.29	0.36	0.31	0.28	0.17	0.23	0.11	0.19	0.32	0.43	0.47
4.39	5.45	5.96	5.99	7.06	8.16	12.5	15.8	15.4	10.5	5.29	3.53

STATISTICS ON LOG ANNUAL MEANS (ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.30	0.03	0.18	-0.82	0.14	-0.630

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1963	162.0	1967	325.0	1971	195.0	1974	185.0
1964	147.0	1968	102.0	1972	237.0	1975	280.0
1965	274.0	1969	214.0	1973	156.0	1976	100.0
1966	82.0	1970	220.0				

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.2496	2.2496
STANDARD DEVIATION	0.1799	0.1799
SKEW COEFFICIENTS		
STATION	-0.4995	-0.4995
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	14	14
PERIOD (YEARS)	14	14

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	50.4	58.8	45.8	33.2	80.5
0.9900	56.4	65.8	53.8	39.0	87.9
0.9500	85.2	88.8	81.4	59.8	112.3
0.9000	102.7	104.0	98.0	74.5	128.4
0.8000	127.1	125.6	121.9	96.0	151.8
0.5000	183.9	178.9	178.9	147.7	217.0
0.2000	253.3	252.2	259.4	208.7	330.6
0.1000	294.0	300.7	317.4	244.0	418.7
0.0400	340.1	361.6	393.2	285.1	540.9
0.0200	370.9	406.7	459.6	314.0	638.6
0.0100	399.3	451.6	535.1	341.8	741.2

13177000 JACK CREEK NEAR TUSCARORA, NV

LOCATION.--Lat 41°30', long 116°06', in sec.35, T.42 N., R.52 E., Elko County, Hydrologic Unit 17050105, on right bank at R. M. Woodward Ranch on Elko-Mountain City road, 8 mi (13 km) upstream from South Fork Owyhee River, and 12 mi (19 km) northeast of Tuscarora.

DRAINAGE AREA.--31 mi^2 (80 km^2), approximately.

REMARKS.--Small diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS / YEAR	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	NUMBER OF DAYS IN CLASS																																		
1914						10	13	16	2	13	26	61	71	3	8		11	5	6	2	5	6	9	5	10	17	4	3	13	28	14	4				
1915				19	2	64		20	24	5	45	17	16	2	9	23	5	2	2	15	14	4	12	7	11	8	11	4	24							
1916						6	13	18	24	14	69	28	25	7	3	24	3	2	3	3	14	12	23	18	14	17	7	15	4							
1917		18		4	10	13	1	27	46	5	93	21	9	2	1	2	6	3	3	2	5	2	1	3	4	4	3	13	14	19	16	8	2	4	1
1918		18				95		47	31		18	34	3	3	3	4	5	2	3	7	10	7	6	33	12	8	7	7	2						
1919						8		139	75		25	6	1	1	5	3	2	4	9	6	2	5	2	10	6	6	13	23	11	2			1		
1920						54		7	7		38	56	50	16	15	12	8	3	4	5	8	8	6	6	8	5	25	8	4	4	7	2			
1921						25		18	8		4	60	18	6	23	26	5	14	2	8	7	14	7	13	9	7	15	9	15	7	10	11	11	13	
1922		9				55		61	80		13	3	7	8	6	6	15	14	10		3	2	3	3	3	3	1	3	21	8	20	4	3	1	
1923						53		67	56		15	53	2	1	5	5	2	3	4	5	5	8	12	14	24	15	5	11							
1924		50				25		10	4		73	37	55		27	3	13	3	8	3	2	3	3	5	11	19	8	3	1						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	4018	100.0	12	7.1	257	1834	45.6	24	60	112	728	18.1
1	1.00	95	4018	100.0	13	8.5	49	1577	39.2	25	72	109	616	15.3
2	1.20	0	3923	97.6	14	10.0	105	1528	38.0	26	86	99	507	12.6
3	1.40	23	3923	97.6	15	12.0	108	1423	35.4	27	100	99	408	10.1
4	1.70	12	3900	97.1	16	14.0	75	1315	32.7	28	120	109	309	7.6
5	2.00	408	3888	96.8	17	17.0	55	1240	30.9	29	150	68	200	4.9
6	2.40	27	3480	86.6	18	21.0	54	1185	29.5	30	180	67	132	3.2
7	2.90	430	3453	85.9	19	25.0	56	1131	28.1	31	210	29	65	1.6
8	3.50	357	3023	75.2	20	29.0	75	1075	26.8	32	250	17	36	.8
9	4.20	37	2666	66.4	21	35.0	71	1000	24.9	33	300	18	19	.4
10	5.00	419	2629	65.4	22	42.0	84	929	23.1	34	360	1	1	
11	5.90	376	2210	55.0	23	50.0	117	845	21.0					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1915	1.50	5	2.00	10	2.00	9	2.00	8	2.00	8	2.50	7	3.00	5	3.60	5	4.80	8
1916	1.50	6	1.50	5	1.50	5	1.50	5	1.70	5	2.50	8	3.40	8	4.00	7	4.60	7
1917	2.20	11	2.20	11	2.30	10	2.50	10	2.80	10	3.50	11	4.10	11	4.50	10	4.30	6
1918	1.00	1	1.00	1	1.00	1	1.00	1	1.30	2	1.70	2	1.80	2	2.10	2	2.80	2
1919	1.00	2	1.00	2	1.00	2	1.00	2	1.40	3	1.70	3	2.30	3	2.80	3	3.10	3
1920	2.00	7	2.00	6	2.00	6	2.40	9	2.70	9	2.90	9	3.50	9	4.30	8	4.90	9
1921	2.00	8	2.00	7	2.00	7	2.00	6	2.00	6	2.10	4	3.10	6	4.40	9	6.50	11
1922	1.00	3	1.00	3	1.00	3	1.40	4	1.70	4	2.20	5	2.60	4	2.80	4	2.70	1
1923	2.00	9	2.00	8	2.60	11	2.80	11	2.90	11	3.00	10	3.20	7	3.70	6	3.80	5
1924	2.00	10	2.00	9	2.00	8	2.00	7	2.00	7	2.30	6	3.80	10	4.70	11	4.90	10
1925	1.00	4	1.00	4	1.00	4	1.00	3	1.00	1	1.20	1	1.60	1	2.00	1	3.10	4

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1914	244.0	5	220.0	4	215.0	4	198.0	4	166.0	4	164.0	4	136.0	3	114.0	3	79.0	3
1915	148.0	7	140.0	7	137.0	7	133.0	6	124.0	6	98.0	7	80.0	7	66.0	7	45.0	8
1916	121.0	10	118.0	9	116.0	8	111.0	8	88.0	8	79.0	8	73.0	8	65.0	8	47.0	6
1917	465.0	1	393.0	1	337.0	1	262.0	2	204.0	2	185.0	2	162.0	2	127.0	2	85.0	2
1918	124.0	8	119.0	8	110.0	9	94.0	10	77.0	11	73.0	10	61.0	10	51.0	10	36.0	10
1919	280.0	4	186.0	6	144.0	6	127.0	7	111.0	7	106.0	6	85.0	6	67.0	6	45.0	7
1920	219.0	6	211.0	5	203.0	5	182.0	5	142.0	5	113.0	5	91.0	5	73.0	5	51.0	5
1921	336.0	2	330.0	2	323.0	2	306.0	1	281.0	1	228.0	1	188.0	1	156.0	1	112.0	1
1922	300.0	3	293.0	3	255.0	3	205.0	3	174.0	3	171.0	3	130.0	4	101.0	4	69.0	4
1923	109.0	11	108.0	11	106.0	10	100.0	9	85.0	9	76.0	9	66.0	9	54.0	9	38.0	9
1924	121.0	9	109.0	10	89.0	11	83.0	11	81.0	10	68.0	11	50.0	11	40.0	11	28.0	11

13177000 JACK CREEK NEAR TUSCARORA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
5.00	5.93	5.04	4.61	7.69	20.5	75.0	126	92.0	20.8	4.74	2.55
4.94	6.04	2.96	4.62	35.2	243	1238	3619	2167	161	21.5	0.64
2.22	2.46	1.72	2.15	5.93	15.6	35.2	60.2	46.5	12.7	4.64	0.80
0.90	0.83	1.41	0.67	2.26	1.21	1.21	0.92	0.60	0.60	2.69	-0.16
0.44	0.41	0.34	0.47	0.77	0.76	0.47	0.48	0.51	0.61	0.98	0.31
1.35	1.61	1.36	1.25	2.08	5.53	20.3	34.0	24.9	5.63	1.28	0.69

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
31.1	175	13.2	1.09	0.43	0.000

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
0.66	0.74	0.68	0.62	0.80	1.20	1.84	2.06	1.90	1.22	0.55	0.38
0.04	0.03	0.02	0.04	0.08	0.10	0.04	0.04	0.08	0.12	0.10	0.02
0.20	0.19	0.14	0.21	0.28	0.32	0.19	0.20	0.28	0.35	0.31	0.15
-0.19	-0.35	0.65	-0.21	0.61	0.35	0.54	0.19	-1.46	-1.05	0.87	-0.77
0.30	0.25	0.20	0.34	0.35	0.26	0.10	0.10	0.15	0.29	0.57	0.40
5.21	5.84	5.40	4.89	6.31	9.51	14.5	16.3	15.0	9.62	4.38	3.03

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.46	0.03	0.17	0.45	0.12	0.065

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1913	197.0	1917	465.0	1920	219.0	1923	109.0
1914	268.0	1918	124.0	1921	372.0	1924	121.0
1915	168.0	1919	280.0	1922	300.0	1925	170.0
1916	121.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.3060	2.3060
STANDARD DEVIATION	0.2032	0.2032
SKEW COEFFICIENTS		
STATION	0.2737	0.2737
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	13	13
PERIOD (YEARS)	13	13

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

	DISCHARGES				
EXCEEDANCE PROBABILITY	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	68.4	58.0	42.4	29.3	83.6
0.9900	74.9	65.8	51.5	35.3	92.4
0.9500	97.3	92.5	83.1	57.7	121.6
0.9000	112.8	110.5	102.8	74.2	141.2
0.8000	135.8	136.8	131.8	99.3	170.6
0.5000	198.0	203.9	203.9	162.7	256.0
0.2000	297.6	300.5	311.0	240.8	414.6
0.1000	372.9	366.5	391.4	287.2	543.8
0.0400	478.6	451.4	500.6	342.2	730.1
0.0200	565.4	515.5	600.2	381.3	883.8
0.0100	659.2	580.2	713.1	419.3	1049.3

13177200 SOUTH FORK OWYHEE RIVER AT SPANISH RANCH, NEAR TUSCARORA, NV

LOCATION.--Lat 41°25'40", long 116°10'40", in NW¼NW¼ sec.30, T.41 N., R.52 E., Elko County, Hydrologic Unit 17050105, on left bank 0.2 mi (0.3 km) downstream from Hot Creek, 2.8 mi (4.5 km) west of Spanish Ranch headquarters, and 8 mi (13 km) north of Tuscarora.

DRAINAGE AREA.--330 mi^2 (855 km^2), approximately.

REMARKS.--Many diversions for irrigation above station.

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR	NUMBER OF DAYS IN CLASS																																		
1960							1	16	12	4	10	4	3	3	132	47	18	10	17	20	12	21	24	12											
1961		4	4	8	7	6	1		4	7	7	16	26	35	93	53	50	24	10	6	1	1		1	1									1	1
1962										7	2	4	6	31	67	38	18	8	37	28	10	7	6	12	14	26	18	10	7	5	2				
1963										3	3	7	10	23	50	58	75	36	10	14	12	6	8	16	5	6	5	1	7	4	5		1		
1964													6	15	63	106	36	9	23	11	7	9	5	14	15	27	12	1	3	1	2	1			
1965											2	3	7	3	3	23	21	53	47	17	19	13	27	30	18	23	16	20	8	8	2	2			
1966									7	21	19	2	3	1	56	32	53	118	21	12	10	7	3												
1967													5	12	52	75	38	21	40	26	17	16	7	12	7	3	12	12	5	2	2		1		
1968													4	12	71	69	123	49	22	10	1	3			1				1						
1969												2	9	21	9	44	44	32	23	41	26	16	6	12	11	6	8	11	5	11	11	10	6	1	
1970															5	17	85	43	37	56	34	13	11	15	2	3	21	13	7	2	1				
1971																4	43	74	35	9	21	31	26	19	12	17	33	21	14	4	2				
1972											1	4	19	2	7	28	40	74	25	27	15	12	15	26	13	22	26	6	2	1	1				
1973													2			42	35	70	28	64	37	21	18	22	5	8	8	5							

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	0	5114	100.0	12	8.5	100	4916	96.1	24	130	104	653	12.7
1	0.60	4	5114	100.0	13	11.0	158	4816	94.2	25	160	141	549	10.7
2	0.90	4	5110	99.9	14	13.0	608	4658	91.1	26	200	159	408	7.9
3	1.10	8	5106	99.8	15	17.0	636	4050	79.2	27	260	100	249	4.8
4	1.40	7	5098	99.7	16	21.0	679	3414	66.8	28	320	59	149	2.9
5	1.70	6	5091	99.6	17	26.0	621	2735	53.5	29	400	38	90	1.7
6	2.20	2	5085	99.4	18	33.0	375	2114	41.3	30	500	28	52	1.0
7	2.70	16	5083	99.4	19	42.0	341	1739	34.0	31	630	13	24	.4
8	3.40	23	5067	99.1	20	52.0	222	1398	27.3	32	790	8	11	.2
9	4.30	42	5044	98.6	21	65.0	176	1176	23.0	33	1000	2	3	
10	5.40	44	5002	97.8	22	82.0	156	1000	19.6	34	1300	1	1	
11	6.80	42	4958	96.9	23	100.0	191	844	16.5					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1961	2.60	2	2.70	2	2.80	2	2.90	2	3.30	2	5.20	2	8.40	2	11.00	3	12.00	2
1962	0.70	1	0.87	1	1.10	1	1.10	1	1.40	1	4.70	1	7.20	1	8.70	1	11.00	1
1963	4.30	4	4.40	4	4.70	4	5.20	4	7.10	4	11.00	4	14.00	4	15.00	4	17.00	4
1964	7.10	7	9.60	10	12.00	10	13.00	10	15.00	10	16.00	7	16.00	5	17.00	5	18.00	5
1965	5.40	5	6.40	5	7.60	5	8.90	6	13.00	7	16.00	8	16.00	6	19.00	8	24.00	9
1966	18.00	12	19.00	12	20.00	12	21.00	12	23.00	12	24.00	12	25.00	11	26.00	11	27.00	10
1967	3.90	3	4.00	3	4.10	3	4.40	3	4.70	3	6.60	3	9.50	3	11.00	2	13.00	3
1968	8.70	9	8.90	8	10.00	8	11.00	8	13.00	8	15.00	6	17.00	7	17.00	6	20.00	6
1969	8.70	10	9.40	9	10.00	9	11.00	9	13.00	9	17.00	9	19.00	9	20.00	9	21.00	7
1970	7.50	8	7.80	7	8.40	6	9.50	7	11.00	6	14.00	5	17.00	8	18.00	7	23.00	8
1971	20.00	13	20.00	13	22.00	13	23.00	13	24.00	13	25.00	13	26.00	13	28.00	13	33.00	13
1972	15.00	11	15.00	11	16.00	11	18.00	11	19.00	11	23.00	11	25.00	12	26.00	12	31.00	12
1973	6.60	6	7.30	6	8.40	7	8.80	5	9.80	5	17.00	10	20.00	10	23.00	10	28.00	11

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		15		30		60		90		120		183	
1960	122.0	13	109.0	12	106.0	12	95.0	11	85.0	11	74.0	11	73.0	11	63.0	11	48.0	11
1961	138.0	12	109.0	13	73.0	14	52.0	14	34.0	14	27.0	14	25.0	14	25.0	14	22.0	14
1962	2680.0	1	1500.0	1	717.0	2	365.0	4	287.0	6	253.0	4	221.0	4	201.0	4	159.0	4
1963	791.0	4	645.0	4	579.0	3	474.0	2	340.0	2	225.0	7	167.0	9	132.0	9	96.0	9
1964	640.0	6	487.0	6	330.0	8	275.0	8	217.0	9	178.0	9	178.0	6	145.0	7	102.0	8
1965	784.0	5	689.0	3	521.0	4	410.0	3	313.0	5	303.0	2	258.0	3	223.0	3	179.0	3
1966	90.0	14	86.0	14	78.0	13	68.0	13	60.0	12	45.0	12	38.0	12	35.0	12	33.0	12
1967	812.0	3	585.0	5	471.0	5	361.0	5	321.0	4	233.0	6	177.0	7	144.0	8	107.0	7
1968	351.0	10	191.0	11	115.0	11	74.0	12	52.0	13	37.0	13	32.0	13	29.0	13	28.0	13
1969	1060.0	2	929.0	2	902.0	1	760.0	1	605.0	1	500.0	1	377.0	1	302.0	1	217.0	1
1970	511.0	9	413.0	9	347.0	7	315.0	7	283.0	7	235.0	5	187.0	5	152.0	6	115.0	6
1971	576.0	7	432.0	8	357.0	6	345.0	6	325.0	3	284.0	3	265.0	2	228.0	2	180.0	2
1972	517.0	8	435.0	7	309.0	9	253.0	9	227.0	8	182.0	8	172.0	8	164.0	5	125.0	5
1973	314.0	11	297.0	10	261.0	10	225.0	10	187.0	10	143.0	10	118.0	10	103.0	10	86.0	10

13177200 SOUTH FORK OWYHEE RIVER AT SPANISH RANCH, NEAR TUSCARORA, NV--CONTINUED

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
19.4	22.9	22.8	34.5	55.2	72.8	144	170	143	47.7	21.7	15.9
36.5	32.7	47.3	384	2649	2932	24610	13560	8932	585	118	55.9
6.05	5.72	6.88	19.6	51.5	54.1	157	116	94.5	24.2	10.8	7.48
0.42	0.19	0.61	0.57	2.20	1.81	1.92	0.18	0.43	0.17	-0.16	0.28
0.31	0.25	0.30	0.57	0.93	0.74	1.09	0.69	0.66	0.51	0.50	0.47
2.52	2.97	2.96	4.48	7.17	9.45	18.7	22.0	18.6	6.19	2.82	2.06

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
64.0	1074	32.8	0.15	0.51	-0.182

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN,VARIANCE,STANDARD DEVIATION,SKEWNESS,COEFF. OF VARIATION,PERCENTAGE OF AVERAGE VALUE)											
1.27	1.35	1.34	1.47	1.62	1.77	1.92	2.06	2.03	1.61	1.26	1.15
0.02	0.01	0.02	0.06	0.10	0.08	0.24	0.22	0.15	0.07	0.09	0.06
0.14	0.11	0.13	0.25	0.31	0.28	0.49	0.47	0.38	0.27	0.30	0.25
0.04	-0.22	0.19	0.20	0.88	0.48	0.01	-0.95	-0.76	-0.70	-1.22	-0.95
0.11	0.08	0.10	0.17	0.19	0.16	0.26	0.23	0.19	0.17	0.24	0.22
6.73	7.14	7.11	7.80	8.59	9.40	10.2	10.9	10.8	8.55	6.69	6.07

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
1.74	0.07	0.27	-0.69	0.15	-0.115

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1960	158.0	1964	1150.0	1968	500.0	1972	548.0
1961	198.0	1965	835.0	1969	1280.0	1973	544.0
1962	4130.0	1966	132.0	1970	558.0	1974	270.0
1963	1140.0	1967	928.0	1971	634.0	1975	1350.0

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	2.7894	2.7894
STANDARD DEVIATION	0.3897	0.3897
SKEW COEFFICIENTS		
STATION	0.0152	0.0152
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	16	16
PERIOD (YEARS)	16	16

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES: SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	95% CONFIDENCE LIMIT (ONE-SIDED TEST) LOWER	UPPER
0.9950	61.8	56.1	35.2	18.4	106.7
0.9900	77.1	71.5	49.1	25.7	129.7
0.9500	141.3	137.2	116.7	63.1	221.8
0.9000	195.3	193.2	172.5	100.0	296.7
0.8000	289.1	290.7	274.5	170.5	427.2
0.5000	614.3	624.9	624.9	425.1	921.5
0.2000	1309.2	1315.4	1387.4	894.5	2248.6
0.1000	1947.0	1924.8	2132.5	1256.3	3696.7
0.0400	2975.8	2870.5	3366.5	1765.5	6332.7
0.0200	3915.9	3703.4	4623.8	2180.9	8975.4
0.0100	5014.7	4646.6	6380.7	2625.6	12275.9

13177800 SOUTH FORK OWYHEE RIVER NEAR WHITEROCK, NV

LOCATION.--Lat 41°48'00", long 116°29'00", in NE¼ sec.16, T.45 N., R.49 E., Elko County, Hydrologic Unit 17050105, on left bank 500 ft (150 m) downstream from Rye Grass Creek, 1.8 mi (2.9 km) upstream from Chimney Creek, and 17 mi (27 km) northwest of Whiterock.

DRAINAGE AREA.--1,080 mi^2 (2,800 km^2), approximately.

REMARKS.--Many diversions for irrigation of hay meadows above station. Flow partly regulated by four small reservoirs, total capacity, about 16,100 acre-ft (19.8 hm^3).

DURATION TABLE OF DAILY VALUES FOR YEAR ENDING SEPTEMBER 30

DISCHARGE, IN CUBIC FEET PER SECOND

CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
YEAR													NUMBER OF DAYS IN CLASS																						
1956	12		1						1		1	9	5	10	19	53	24	1	8	15	26	52	20	19	17	29	15	19	9		1				
1957										3	16	9	6	6	1	17	10	53	56	12	17	16	13	9	9	18	28	27	17	8	6	4	3	1	
1958																	16	25	91	41	15	28	16	17	10	16	24	21	26	13	6				
1959								1	3	4	16	16	23	26	18	18	19	15	51	52	96	7													
1960			2	1	1	1	2	7	6	6	22	8	6	12	4	15	83	80	6	2	3	16	24	19	18	17	3	1	1						
1961	5	1	2	1		1	1	1	5	5	19	17	21	20	14	9	35	19	60	46	28	16	18	17	4										
1962												2	2	17	22	20	28	35	62	22	13	16	10	9	8	20	26	17	21	7	6	1	1		
1963													1	12	14	8	17	34	71	81	36	13	8	9	5	12	12	15	5	3	2	3	4		
1964											8	2	2	1	5	30	17	23	58	76	35	4	8	6	11	19	23	21	13	2	2				
1965															2	3	7	19	18	38	55	22	11	28	30	40	27	22	21	14	6	2			
1966										3	13	30	23	8	12	14	9	10	20	19	93	64	15	19	12	1									
1967											3	10	2	4	8	18	53	25	34	45	33	40	18	10	10	11	13	14	12	2					
1968											2	2	11	13	30	23	30	65	23	61	75	16	5	6	2	1	1								
1969										1		2	6	4		3	4	31	32	20	58	29	29	37	15	23	10	13	12	12	13	9	2		
1970																1	3	11	12	85	53	15	54	42	27	10	16	12	21	2	1				
1971																			10	30	68	53	26	15	18	46	16	14	35	21	11	2			
1972															6	6	17	6	23	35	42	53	32	17	19	31	19	17	21	20	1	1			
1973																		1	16	36	103	47	46	30	12	21	26	23	4						
1974																23	21	25	22	57	61	23	25	14	15	10	20	41	8						
1975																		4	56	118	27	10	2	8	22	25	16	11	16	21	18	4	6	1	
1976																2	2	26	36	18	37	102	32	14	22	31	18	14	12						

CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT	CLASS	VALUE	TOTAL	ACCUM	PERCT
0	0.00	17	7671	100.0	12	4.3	108	7387	96.3	24	190	286	1778	23.1
1	0.10	1	7654	99.8	13	5.9	133	7279	94.9	25	250	381	1492	19.4
2	0.20	5	7653	99.8	14	8.1	155	7146	93.2	26	350	313	1111	14.4
3	0.30	2	7648	99.7	15	11.0	263	6991	91.1	27	480	302	798	10.4
4	0.40	1	7646	99.7	16	15.0	395	6728	87.7	28	650	254	496	6.4
5	0.50	2	7645	99.7	17	21.0	508	6333	82.6	29	890	125	242	3.1
6	0.70	3	7643	99.6	18	28.0	765	5825	75.9	30	1200	73	117	1.5
7	0.90	9	7640	99.6	19	39.0	909	5060	66.0	31	1700	26	44	.5
8	1.20	15	7631	99.5	20	53.0	974	4151	54.1	32	2300	16	18	.2
9	1.70	22	7616	99.3	21	72.0	642	3177	41.4	33	3100	2	2	
10	2.30	100	7594	99.0	22	99.0	412	2535	33.0	34				
11	3.10	107	7494	97.7	23	140.0	345	2123	27.7					

LOWEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING MARCH 31

DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1		3		7		14		30		60		90		120		183	
1957	5.00	11	5.20	11	5.50	10	7.10	9	8.40	8	9.80	5	14.00	5	19.00	5	27.00	6
1958	2.00	5	2.20	5	2.40	5	2.50	3	3.10	3	12.00	6	21.00	9	27.00	11	30.00	8
1959	15.00	16	16.00	16	16.00	16	18.00	15	20.00	14	24.00	13	27.00	13	33.00	13	40.00	12
1960	1.00	3	1.10	3	1.80	3	2.50	4	3.50	4	4.70	4	5.50	3	6.10	2	10.00	1
1961	0.20	2	0.30	2	0.59	2	0.89	2	1.30	1	2.20	1	4.80	2	8.00	4	15.00	4
1962	0.00	1	0.00	1	0.07	1	0.39	1	2.00	2	3.10	2	4.50	1	5.50	1	11.00	2
1963	3.90	10	4.60	9	6.90	11	7.90	10	8.80	9	17.00	10	18.00	7	21.00	6	28.00	7
1964	5.80	12	6.20	12	7.90	12	9.60	12	16.00	13	17.00	11	21.00	10	25.00	9	31.00	9
1965	2.30	7	2.50	6	2.60	6	3.90	7	9.60	10	13.00	8	16.00	6	22.00	7	42.00	13
1966	8.10	13	10.00	14	13.00	15	22.00	16	32.00	17	44.00	17	49.00	17	53.00	17	61.00	17
1967	2.00	4	2.10	4	2.40	4	2.80	5	3.70	5	4.60	3	5.60	4	7.80	3	13.00	3
1968	2.80	8	2.90	7	3.30	7	3.50	6	7.20	6	13.00	9	19.00	8	26.00	10	35.00	11
1969	3.80	9	4.50	8	5.00	8	5.40	8	7.40	7	12.00	7	25.00	12	23.00	8	26.00	5
1970	2.20	6	4.80	10	5.30	9	9.40	11	21.00	15	30.00	15	33.00	15	38.00	14	44.00	14
1971	15.00	17	16.00	17	20.00	17	22.00	17	30.00	16	38.00	16	46.00	16	51.00	16	70.00	19
1972	35.00	20	36.00	20	37.00	20	39.00	20	45.00	20	48.00	20	52.00	19	58.00	19	69.00	18
1973	9.10	14	9.20	13	9.70	13	12.00	13	15.00	12	25.00	14	31.00	14	39.00	15	51.00	15
1974	27.00	18	28.00	18	29.00	18	36.00	18	39.00	18	47.00	18	50.00	18	54.00	18	54.00	16
1975	11.00	15	12.00	15	12.00	14	12.00	14	14.00	11	18.00	12	22.00	11	28.00	12	32.00	10
1976	35.00	19	36.00	19	37.00	19	38.00	19	43.00	19	48.00	19	54.00	20	61.00	20	71.00	20

13177800 SOUTH FORK OWYHEE RIVER NEAR WHITEROCK, NV--CONTINUED

HIGHEST MEAN VALUE AND RANKING FOR THE FOLLOWING NUMBER OF CONSECUTIVE DAYS IN YEAR ENDING SEPTEMBER 30
DISCHARGE, IN CUBIC FEET PER SECOND

YEAR	1	3	7	15	30	60	90	120	183
1956	1330.0 11	893.0 13	678.0 14	525.0 16	503.0 16	397.0 16	371.0 15	310.0 15	256.0 14
1957	3160.0 1	2720.0 3	2180.0 4	1850.0 3	1350.0 3	964.0 3	791.0 4	675.0 3	472.0 4
1958	1630.0 9	1560.0 8	1420.0 7	1080.0 7	966.0 6	781.0 6	651.0 6	581.0 5	422.0 6
1959	76.0 21	75.0 21	72.0 21	69.0 21	64.0 21	62.0 21	60.0 21	58.0 21	52.0 21
1960	782.0 16	596.0 17	454.0 17	346.0 17	283.0 17	209.0 17	195.0 17	162.0 17	114.0 17
1961	232.0 20	195.0 20	180.0 19	171.0 19	139.0 19	103.0 19	89.0 19	77.0 19	65.0 19
1962	2890.0 4	2200.0 5	1250.0 8	996.0 9	695.0 10	670.0 9	580.0 7	509.0 8	376.0 8
1963	3020.0 3	2810.0 2	2330.0 2	1620.0 4	1040.0 4	694.0 8	497.0 9	384.0 10	282.0 10
1964	1500.0 10	1120.0 9	803.0 12	671.0 12	634.0 12	496.0 12	489.0 10	393.0 9	274.0 12
1965	1790.0 7	1730.0 6	1450.0 6	1120.0 6	838.0 8	791.0 5	665.0 5	566.0 6	464.0 5
1966	263.0 19	244.0 19	233.0 18	207.0 18	189.0 18	140.0 18	118.0 18	109.0 18	95.0 18
1967	1190.0 13	1040.0 12	838.0 11	721.0 11	665.0 11	488.0 13	371.0 16	301.0 16	219.0 16
1968	400.0 18	283.0 18	166.0 20	114.0 20	95.0 20	79.0 20	74.0 20	67.0 20	56.0 20
1969	2480.0 5	2330.0 4	2220.0 3	1970.0 2	1610.0 2	1160.0 2	860.0 2	696.0 2	520.0 3
1970	1240.0 12	1100.0 11	934.0 10	829.0 10	727.0 9	568.0 10	449.0 12	371.0 12	295.0 9
1971	1790.0 6	1690.0 7	1510.0 5	1250.0 5	1020.0 5	926.0 4	798.0 3	663.0 4	552.0 2
1972	1720.0 8	1110.0 10	1050.0 9	1000.0 8	906.0 7	705.0 7	574.0 8	515.0 7	414.0 7
1973	800.0 15	651.0 16	623.0 16	543.0 15	533.0 14	465.0 14	376.0 14	317.0 14	259.0 13
1974	711.0 17	706.0 15	664.0 15	638.0 13	601.0 13	554.0 11	463.0 11	380.0 11	281.0 11
1975	3120.0 2	3080.0 1	2900.0 1	2260.0 1	1770.0 1	1380.0 1	1080.0 1	890.0 1	630.0 1
1976	868.0 14	784.0 14	701.0 13	594.0 14	511.0 15	459.0 15	400.0 13	336.0 13	252.0 15

STATISTICS ON NORMAL MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
34.4	48.1	60.1	116	143	262	444	505	308	65.4	25.4	24.4
397	416	833	11240	11680	40120	136100	170500	77770	2755	281	290
19.9	20.4	28.9	106	108	200	369	413	279	52.5	16.8	17.0
0.35	-0.15	0.83	1.63	1.30	1.70	1.19	1.29	1.32	1.23	0.30	0.69
0.58	0.42	0.48	0.91	0.75	0.76	0.83	0.82	0.90	0.80	0.66	0.70
1.69	2.36	2.95	5.69	7.03	12.9	21.8	24.8	15.1	3.21	1.25	1.20

STATISTICS ON NORMAL ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
169	8285	91.0	0.10	0.54	0.055

STATISTICS ON LOG MONTHLY MEANS (ALL DAYS)

OCT	NOV	DEC	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT
BY ROWS (MEAN, VARIANCE, STANDARD DEVIATION, SKEWNESS, COEFF. OF VARIATION, PERCENTAGE OF AVERAGE VALUE)											
1.44	1.63	1.73	1.91	2.05	2.30	2.43	2.46	2.27	1.64	1.27	1.25
0.11	0.05	0.04	0.13	0.10	0.11	0.30	0.36	0.25	0.20	0.16	0.16
0.33	0.23	0.21	0.37	0.31	0.34	0.54	0.60	0.50	0.45	0.41	0.40
-1.28	-1.16	-0.14	0.37	0.13	-0.26	-1.03	-1.26	-0.55	-0.73	-0.90	-1.04
0.23	0.14	0.12	0.19	0.15	0.15	0.22	0.25	0.22	0.28	0.32	0.32
6.44	7.29	7.73	8.54	9.15	10.3	10.8	11.0	10.2	7.33	5.67	5.59

STATISTICS ON LOG ANNUAL MEANS(ALL DAYS)

MEAN	VARIANCE	STANDARD DEVIATION	SKEWNESS	COEFF. OF VARIATION	SERIAL CORR
2.14	0.10	0.31	-0.90	0.14	0.129

13177800 SOUTH FORK OWYHEE RIVER NEAR WHITEROCK, NV--CONTINUED

ANNUAL PEAKS

WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)	WATER YEAR	PEAK (CFS)
1956	1580.0	1962	3320.0	1967	1310.0	1972	2710.0
1957	3420.0	1963	3830.0	1968	870.0	1973	1260.0
1958	1690.0	1964	1730.0	1969	2700.0	1974	735.0
1959	84.0	1965	1790.0	1970	1320.0	1975	3190.0
1960	1200.0	1966	307.0	1971	2580.0	1976	914.0
1961	255.0						

ANNUAL FLOOD STATISTICS

	SYSTEMATIC RECORD	WRC ESTIMATES
MEAN	3.1113	3.1113
STANDARD DEVIATION	0.4175	0.4175
SKEW COEFFICIENTS		
STATION	-1.4272	-1.4272
GENERALIZED	--	-0.1000
WRC WEIGHTED	--	-0.1000 *
FLOOD BASE (CFS)	0.0	0.0
PROB(PEAK > BASE)	1.0000	1.0000
NUMBER OF PEAKS	21	21
PERIOD (YEARS)	21	21

S - SYNTHETIC
* ADOPTED FOR FINAL COMPUTATIONS

LOG-PEARSON TYPE III FREQUENCY CURVES

EXCEEDANCE PROBABILITY	DISCHARGES			95% CONFIDENCE LIMIT (ONE-SIDED TEST)	
	SYSTEMATIC RECORD	WRC ADJUSTED	EXPECTED PROBABILITY	LOWER	UPPER
0.9950	31.9	99.3	69.0	37.0	183.4
0.9900	54.8	128.7	97.5	52.2	227.3
0.9500	199.8	258.8	228.2	129.8	408.7
0.9000	357.8	373.3	340.5	207.4	561.1
0.8000	658.5	578.3	552.1	357.8	831.8
0.5000	1610.9	1313.0	1313.0	919.5	1879.1
0.2000	2870.6	2914.3	3042.8	2024.6	4720.4
0.1000	3495.1	4381.8	4763.3	2922.3	7843.6
0.0400	4044.6	6723.6	7673.4	4232.3	13569.0
0.0200	4319.5	8833.5	10661.8	5331.6	19343.1
0.0100	4512.8	11263.9	14257.9	6533.3	26587.6

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Prepared in cooperation with
THE STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES

PART 13

PART 10

PART 09

EXPLANATION

▲ CONTINUOUS RECORDING SITE

● ANNUAL PEAKS ONLY

■ PERIODS OF BOTH CONTINUOUS RECORD AND ANNUAL PEAKS ONLY

— — — BOUNDARY OF HYDROLOGIC BASIN

HYDROLOGIC BASIN

09 THE COLORADO RIVER BASIN

10 THE GREAT BASIN

13 THE SNAKE RIVER BASIN

(HYDROLOGIC BASIN NUMBER PRECEDES THE 6-DIGIT NUMBER AS SHOWN TO PROVIDE THE COMPLETE DOWNSTREAM ORDER NUMBER)

Scale 1:1,000,000
1 inch equals approximately 16 miles

10 0 10 20 0 40 Miles

10 0 10 20 30 40 50 Kilometers

Base from U.S. Geological Survey:
State base map, 1965

PLATE 1.--LOCATION OF GAGE SITES FOR WHICH STATISTICS ARE LISTED.